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Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion

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2260	Default-mode network disruption in mild traumatic brain injury. 2012 , 265, 882-92		197
2259	Hubs of brain functional networks are radically reorganized in comatose patients. 2012 , 109, 20608-13		192
2258	Default-mode network dysfunction and self-referential processing in healthy siblings of schizophrenia patients. 2012 , 142, 237-43		64
2257	Unreliable evoked responses in autism. 2012 , 75, 981-91		210
2256	The Human Connectome Project: a data acquisition perspective. <i>NeuroImage</i> , 2012 , 62, 2222-31	7.9	1284
2255	NMDA receptor function in large-scale anticorrelated neural systems with implications for cognition and schizophrenia. 2012 , 109, 16720-5		175

2254	Resting state functional connectivity of the striatum in Parkinson's disease. 2012 , 135, 3699-711	297
2253	Brain development during the preschool years. 2012 , 22, 313-33	194
2252	Prefrontal cortex contributions to controlled memory judgment: fMRI evidence from adolescents and young adults. 2012 , 50, 3745-56	5
2251	Perspective: Brain scans need a rethink. 2012 , 491, S20	66
2250	Atypical pulvinar-cortical pathways during sustained attention performance in children with attention-deficit/hyperactivity disorder. 2012 , 51, 1197-1207.e4	40
2249	Characterizing variation in the functional connectome: promise and pitfalls. 2012 , 16, 181-8	190
2248	Arrested development? Reconsidering dual-systems models of brain function in adolescence and disorders. 2012 , 16, 322-9	232
2247	Global connectivity of prefrontal cortex predicts cognitive control and intelligence. 2012 , 32, 8988-99	424
2246	Lovastatin regulates brain spontaneous low-frequency brain activity in neurofibromatosis type 1. 2012 , 515, 28-33	39
2245	Can the default-mode network be described with one spatial-covariance network?. 2012 , 1468, 38-51	12
2244	Fast eigenvector centrality mapping of voxel-wise connectivity in functional magnetic resonance imaging: implementation, validation, and interpretation. 2012 , 2, 265-74	81
2243	Altered functional brain connectivity in a non-clinical sample of young adults with attention-deficit/hyperactivity disorder. 2012 , 32, 17753-61	106
2242	Multisubject independent component analysis of fMRI: a decade of intrinsic networks, default mode, and neurodiagnostic discovery. 2012 , 5, 60-73	413
2241	Conn: a functional connectivity toolbox for correlated and anticorrelated brain networks. 2012 , 2, 125-41	2267
2240	Diffusion tensor imaging in young children with autism: biological effects and potential confounds. 2012 , 72, 1043-51	73
2239	Impact of in-scanner head motion on multiple measures of functional connectivity: relevance for studies of neurodevelopment in youth. <i>NeuroImage</i> , 2012 , 60, 623-32	7.9 837
2238	A brief history of the resting state: the Washington University perspective. <i>NeuroImage</i> , 2012 , 62, 902-10.9	161
2237	Why use a connectivity-based approach to study stroke and recovery of function?. <i>NeuroImage</i> , 2012 , 62, 2271-80	7.9 213

2236	One-year test-retest reliability of intrinsic connectivity network fMRI in older adults. <i>NeuroImage</i> , 2012 , 61, 1471-83	7.9	178
2235	Atypical lexicosemantic function of extrastriate cortex in autism spectrum disorder: evidence from functional and effective connectivity. <i>NeuroImage</i> , 2012 , 62, 1780-91	7.9	34
2234	The impact of aging on gray matter structural covariance networks. <i>NeuroImage</i> , 2012 , 63, 754-9	7.9	89
2233	Development of BOLD signal hemodynamic responses in the human brain. <i>NeuroImage</i> , 2012 , 63, 663-73	7.9	137
2232	Developmental changes in patterns of brain activity associated with moment-to-moment adjustments in control. <i>NeuroImage</i> , 2012 , 63, 475-84	7.9	15
2231	EEG-assisted retrospective motion correction for fMRI: E-REMCOR. <i>NeuroImage</i> , 2012 , 63, 698-712	7.9	20
2230	Network-specific effects of age and in-scanner subject motion: a resting-state fMRI study of 238 healthy adults. <i>NeuroImage</i> , 2012 , 63, 1364-73	7.9	107
2229	The changing landscape of functional brain networks for face processing in typical development. <i>NeuroImage</i> , 2012 , 63, 1223-36	7.9	35
2228	Altered default network resting state functional connectivity in patients with a first episode of psychosis. 2012 , 139, 13-8		49
2227	Decreased interhemispheric coordination in schizophrenia: a resting state fMRI study. 2012 , 141, 1-7		111
2226	Recent developments in multivariate pattern analysis for functional MRI. 2012 , 28, 399-408		32
2225	Functional brain networks before the onset of psychosis: A prospective fMRI study with graph theoretical analysis. 2012 , 1, 91-8		28
2224	Pattern classification of large-scale functional brain networks: identification of informative neuroimaging markers for epilepsy. 2012 , 7, e36733		54
2223	Altered small-world brain networks in schizophrenia patients during working memory performance. 2012 , 7, e38195		59
2222	Clustering of resting state networks. 2012 , 7, e40370		124
2221	Consistency of network modules in resting-state FMRI connectome data. 2012 , 7, e44428		110
2220	Decoding lifespan changes of the human brain using resting-state functional connectivity MRI. 2012 , 7, e44530		76
2219	Resting state functional connectivity correlates of inhibitory control in children with attention-deficit/hyperactivity disorder. 2011 , 2, 83		40

2218	Monkey in the middle: why non-human primates are needed to bridge the gap in resting-state investigations. 2012 , 6, 29	99
2217	Working memory related brain network connectivity in individuals with schizophrenia and their siblings. 2012 , 6, 137	87
2216	Parallel ICA identifies sub-components of resting state networks that covary with behavioral indices. 2012 , 6, 281	19
2215	Fully exploratory network independent component analysis of the 1000 functional connectomes database. 2012 , 6, 301	46
2214	The UCLA multimodal connectivity database: a web-based platform for brain connectivity matrix sharing and analysis. 2012 , 6, 28	91
2213	On the plurality of (methodological) worlds: estimating the analytic flexibility of fMRI experiments. 2012 , 6, 149	206
2212	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. 2012 , 6, 152	437
2211	MR connectomics: a conceptual framework for studying the developing brain. 2012 , 6, 43	76
2210	Automated diagnoses of attention deficit hyperactive disorder using magnetic resonance imaging. 2012 , 6, 61	83
2209	The ADHD-200 Consortium: A Model to Advance the Translational Potential of Neuroimaging in Clinical Neuroscience. 2012 , 6, 62	198
2208	Evaluation of pattern recognition and feature extraction methods in ADHD prediction. 2012 , 6, 68	49
2207	Exploiting the brain's network structure in identifying ADHD subjects. 2012 , 6, 75	25
2206	Network, anatomical, and non-imaging measures for the prediction of ADHD diagnosis in individual subjects. 2012 , 6, 78	42
2205	Functional immaturity of cortico-basal ganglia networks in Gilles de la Tourette syndrome. 2012 , 135, 1937-46	130
2204	The economy of brain network organization. 2012 , 13, 336-49	1874
2203	Inferring functional connectivity in MRI using Bayesian network structure learning with a modified PC algorithm. <i>NeuroImage</i> , 2013 , 75, 165-175	7.9 25
2202	Number of events and reliability in fMRI. 2013 , 13, 615-26	7
2201	Functional brain activation to emotional and nonemotional faces in healthy children: evidence for developmentally undifferentiated amygdala function during the school-age period. 2013 , 13, 771-89	20

2200	Insula's functional connectivity with ventromedial prefrontal cortex mediates the impact of trait alexithymia on state tobacco craving. 2013 , 228, 143-55		66
2199	Functional brain hubs and their test-retest reliability: a multiband resting-state functional MRI study. <i>NeuroImage</i> , 2013 , 83, 969-82	7.9	135
2198	Principal components of functional connectivity: a new approach to study dynamic brain connectivity during rest. <i>NeuroImage</i> , 2013 , 83, 937-50	7.9	275
2197	The effect of resting condition on resting-state fMRI reliability and consistency: a comparison between resting with eyes open, closed, and fixated. <i>NeuroImage</i> , 2013 , 78, 463-73	7.9	247
2196	Hippocampal network connectivity and activation differentiates post-traumatic stress disorder from generalized anxiety disorder. 2013 , 38, 1889-98		147
2195	Imaging the Brain in Autism. 2013 ,		10
2194	Comparing neural response to painful electrical stimulation with functional MRI at 3 and 7 T. <i>NeuroImage</i> , 2013 , 82, 336-43	7.9	36
2193	Evidence for hubs in human functional brain networks. 2013 , 79, 798-813		499
2192	Metabolic and structural connectivity within the default mode network relates to working memory performance in young healthy adults. <i>NeuroImage</i> , 2013 , 79, 184-90	7.9	42
2191	Dimensional change card sort performance associated with age-related differences in functional connectivity of lateral prefrontal cortex. 2013 , 5, 40-50		42
2190	Brain-wide functional inter-hemispheric disconnection is a potential biomarker for schizophrenia and distinguishes it from depression. 2013 , 2, 818-26		41
2189	Decreased functional connectivity of the amygdala in Alzheimer's disease revealed by resting-state fMRI. 2013 , 82, 1531-8		58
2188	Sex, drugs and Parkinson's disease. 2013 , 136, 371-3		4
2187	Functional network architecture of reading-related regions across development. 2013 , 125, 231-43		53
2186	The amplitude of the resting-state fMRI global signal is related to EEG vigilance measures. <i>NeuroImage</i> , 2013 , 83, 983-90	7.9	178
2185	Resting state neural networks for visual Chinese word processing in Chinese adults and children. 2013 , 51, 1571-83		10
2184	Impaired prefrontal-basal ganglia functional connectivity and substantia nigra hyperactivity in schizophrenia. 2013 , 74, 122-9		100
2183	Frequency domains of resting state default mode network activity in schizophrenia. 2013 , 214, 80-2		5

2182	Lateral prefrontal cortex is organized into parallel dorsal and ventral streams along the rostro-caudal axis. 2013 , 23, 2457-66		35
2181	Hot topics in functional neuroradiology. 2013 , 34, 2241-9		2
2180	Human Connectome Project informatics: quality control, database services, and data visualization. <i>NeuroImage</i> , 2013 , 80, 202-19	7.9	221
2179	Identifying major depressive disorder using Hurst exponent of resting-state brain networks. 2013 , 214, 306-12		51
2178	Assessment of system dysfunction in the brain through MRI-based connectomics. 2013 , 12, 1189-99		155
2177	Frontotemporal network connectivity during memory encoding is increased with aging and disrupted by beta-amyloid. 2013 , 33, 18425-37		47
2176	Large-scale brain networks in the awake, truly resting marmoset monkey. 2013 , 33, 16796-804		104
2175	Cross-hemispheric functional connectivity in the human fetal brain. 2013 , 5, 173ra24		134
2174	Functional connectomics from resting-state fMRI. 2013 , 17, 666-82		560
2173	COMBIT: protocol of a randomised comparison trial of COMbined modified constraint induced movement therapy and bimanual intensive training with distributed model of standard upper limb rehabilitation in children with congenital hemiplegia. 2013 , 13, 68		35
2172	Resting state FMRI research in child psychiatric disorders. 2013 , 22, 757-70		20
2171	Steps toward optimizing motion artifact removal in functional connectivity MRI; a reply to Carp. <i>NeuroImage</i> , 2013 , 76, 439-41	7.9	248
2170	Heterogeneous impact of motion on fundamental patterns of developmental changes in functional connectivity during youth. <i>NeuroImage</i> , 2013 , 83, 45-57	7.9	167
2169	Function in the human connectome: task-fMRI and individual differences in behavior. <i>NeuroImage</i> , 2013 , 80, 169-89	7.9	779
2168	Disrupted functional brain connectome in individuals at risk for Alzheimer's disease. 2013 , 73, 472-81		293
2167	Functional connectivity and cannabis use in high-risk adolescents. 2013 , 39, 414-23		28
2166	Functional alteration patterns of default mode networks: comparisons of normal aging, amnesic mild cognitive impairment and Alzheimer's disease. 2013 , 37, 1916-24		42
2165	Relationship of trauma symptoms to amygdala-based functional brain changes in adolescents. 2013 , 26, 784-7		27

2164	Resting state functional connectivity in preclinical Alzheimer's disease. 2013 , 74, 340-7	302
2163	Genetic control of functional brain network efficiency in children. 2013 , 23, 19-23	95
2162	Convergent evidence of brain overconnectivity in children with autism?. 2013 , 5, 565-6	41
2161	Local functional overconnectivity in posterior brain regions is associated with symptom severity in autism spectrum disorders. 2013 , 5, 567-72	189
2160	Abnormal brain synchrony in Down Syndrome. 2013 , 2, 703-15	81
2159	Is there a cerebellar compensatory effort in first-episode, treatment-naïve major depressive disorder at rest?. 2013 , 46, 13-8	63
2158	The brains of high functioning autistic individuals do not synchronize with those of others. 2013 , 3, 489-97	73
2157	The impact of serotonin transporter genotype on default network connectivity in children and adolescents with autism spectrum disorders. 2012 , 2, 17-24	15
2156	Resting state functional connectivity of five neural networks in bipolar disorder and schizophrenia. 2013 , 150, 601-9	93
2155	The functional architecture for face-processing expertise: fMRI evidence of the developmental trajectory of the core and the extended face systems. 2013 , 51, 2893-908	36
2154	Developmental changes in within- and between-network connectivity between late childhood and adulthood. 2013 , 51, 156-67	89
2153	Abnormal amplitude low-frequency oscillations in medication-naïve, first-episode patients with major depressive disorder: a resting-state fMRI study. 2013 , 146, 401-6	185
2152	Increased functional connectivity with puberty in the mentalising network involved in social emotion processing. 2013 , 64, 314-22	67
2151	Dissociable attentional and affective circuits in medication-naïve children with attention-deficit/hyperactivity disorder. 2013 , 213, 24-30	57
2150	Improved in vivo diffusion tensor imaging of human cervical spinal cord. <i>NeuroImage</i> , 2013 , 67, 64-76	7.9 54
2149	Resting-state functional connectivity in multiple sclerosis: an examination of group differences and individual differences. 2013 , 51, 2918-29	35
2148	Changes in resting connectivity with age: a simultaneous electroencephalogram and functional magnetic resonance imaging investigation. 2013 , 34, 2194-207	38
2147	Increased resting-state functional connectivity between the anterior cingulate cortex and the precuneus in panic disorder: resting-state connectivity in panic disorder. 2013 , 150, 1091-5	33

2146	Variant in OXTR gene and functional connectivity of the hypothalamus in normal subjects. <i>NeuroImage</i> , 2013 , 81, 199-204	7.9	33
2145	The effect of scan length on the reliability of resting-state fMRI connectivity estimates. <i>NeuroImage</i> , 2013 , 83, 550-8	7.9	453
2144	Altered functional and structural brain network organization in autism. 2012 , 2, 79-94		259
2143	Down-regulation of amygdala and insula functional circuits by varenicline and nicotine in abstinent cigarette smokers. 2013 , 74, 538-46		107
2142	The nuisance of nuisance regression: spectral misspecification in a common approach to resting-state fMRI preprocessing reintroduces noise and obscures functional connectivity. <i>NeuroImage</i> , 2013 , 82, 208-25	7.9	356
2141	Optimizing the order of operations for movement scrubbing: Comment on Power et al. <i>NeuroImage</i> , 2013 , 76, 436-8	7.9	139
2140	Ventral medial prefrontal functional connectivity and emotion regulation in chronic schizophrenia: a pilot study. 2013 , 29, 59-74		31
2139	Abnormal resting-state cerebellar-cerebral functional connectivity in treatment-resistant depression and treatment sensitive depression. 2013 , 44, 51-7		127
2138	The convergence of maturational change and structural covariance in human cortical networks. 2013 , 33, 2889-99		294
2137	Intensive reasoning training alters patterns of brain connectivity at rest. 2013 , 33, 4796-803		86
2136	Volitional eyes opening perturbs brain dynamics and functional connectivity regardless of light input. <i>NeuroImage</i> , 2013 , 69, 21-34	7.9	77
2135	Resting-state fMRI confounds and cleanup. <i>NeuroImage</i> , 2013 , 80, 349-59	7.9	460
2134	Brain function differences in language processing in children and adults with autism. 2013 , 6, 288-302		37
2133	Relationship between large-scale functional and structural covariance networks in idiopathic generalized epilepsy. 2013 , 3, 240-54		49
2132	Shared and distinct intrinsic functional network centrality in autism and attention-deficit/hyperactivity disorder. 2013 , 74, 623-32		211
2131	Neurophysiological investigation of spontaneous correlated and anticorrelated fluctuations of the BOLD signal. 2013 , 33, 6333-42		177
2130	Learning and comparing functional connectomes across subjects. <i>NeuroImage</i> , 2013 , 80, 405-15	7.9	144
2129	Alzheimer's disease: connecting findings from graph theoretical studies of brain networks. 2013 , 34, 2023-36		279

2128	Functional plasticity before the cradle: a review of neural functional imaging in the human fetus. 2013 , 37, 2220-32			65
2127	Functional homotopic changes in multiple sclerosis with resting-state functional MR imaging. 2013 , 34, 1180-7			33
2126	Interhemispheric functional connectivity and its relationships with clinical characteristics in major depressive disorder: a resting state fMRI study. 2013 , 8, e60191			76
2125	Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , 2013 , 80, 144-68	7.9		865
2124	Dynamic functional connectivity: promise, issues, and interpretations. <i>NeuroImage</i> , 2013 , 80, 360-78	7.9		1571
2123	Predicting intrinsic brain activity. <i>NeuroImage</i> , 2013 , 82, 127-36	7.9		24
2122	Imaging human connectomes at the macroscale. 2013 , 10, 524-39			294
2121	Graph theoretical analysis of sedation's effect on whole brain functional system in school-aged children. 2013 , 3, 177-89			5
2120	Differences in resting corticolimbic functional connectivity in bipolar I euthymia. 2013 , 15, 156-66			82
2119	Opportunities and limitations of intrinsic functional connectivity MRI. 2013 , 16, 832-7			625
2118	Biomarkers in Parkinson's disease (recent update). 2013 , 63, 201-29			147
2117	Reward circuit connectivity relates to delay discounting in children with attention-deficit/hyperactivity disorder. 2013 , 23, 33-45			119
2116	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. <i>NeuroImage</i> , 2013 , 76, 183-201	7.9		1016
2115	Standardizing the intrinsic brain: towards robust measurement of inter-individual variation in 1000 functional connectomes. <i>NeuroImage</i> , 2013 , 80, 246-62	7.9		296
2114	The minimal preprocessing pipelines for the Human Connectome Project. <i>NeuroImage</i> , 2013 , 80, 105-24	7.9		2298
2113	Characterizing functional integrity: intraindividual brain signal variability predicts memory performance in patients with medial temporal lobe epilepsy. 2013 , 33, 9855-65			17
2112	Abnormal rich club organization and functional brain dynamics in schizophrenia. 2013 , 70, 783-92			463
2111	Resting state network estimation in individual subjects. <i>NeuroImage</i> , 2013 , 82, 616-633	7.9		174

2110	An improved framework for confound regression and filtering for control of motion artifact in the preprocessing of resting-state functional connectivity data. <i>NeuroImage</i> , 2013 , 64, 240-56	7.9	1024
2109	Removing motion and physiological artifacts from intrinsic BOLD fluctuations using short echo data. <i>NeuroImage</i> , 2013 , 64, 526-37	7.9	69
2108	Dissociation and convergence of the dorsal and ventral visual working memory streams in the human prefrontal cortex. <i>NeuroImage</i> , 2013 , 65, 488-98	7.9	32
2107	Toward reliable characterization of functional homogeneity in the human brain: preprocessing, scan duration, imaging resolution and computational space. <i>NeuroImage</i> , 2013 , 65, 374-86	7.9	325
2106	Of bandwagons and bathwater: the value of resting state functional magnetic resonance imaging for child psychiatric research. 2013 , 52, 562-5		4
2105	Functional connectivity in the normal and injured brain. 2013 , 19, 509-22		42
2104	Resting state functional connectivity of the ventral attention network in children with a history of depression or anxiety. 2013 , 52, 1326-1336.e5		48
2103	Striatum-based circuitry of adolescent depression and anhedonia. 2013 , 52, 628-41.e13		129
2102	Disrupted amygdala reactivity in depressed 4- to 6-year-old children. 2013 , 52, 737-46		41
2101	Functional connectivity between parietal and frontal brain regions and intelligence in young children: the Generation R study. 2013 , 34, 3299-307		70
2100	Impulsivity and the modular organization of resting-state neural networks. 2013 , 23, 1444-52		76
2099	The development of hub architecture in the human functional brain network. 2013 , 23, 2380-93		150
2098	Cerebrospinal fluid A β 2, phosphorylated Tau181, and resting-state functional connectivity. 2013 , 70, 1242-8		68
2097	Reply: Levodopa increases functional connectivity in the cerebellum and brainstem in Parkinson's disease. 2013 , 136, e235		3
2096	Relationship between Stroop performance and resting state functional connectivity in cognitively normal older adults. 2013 , 27, 516-28		37
2095	Impaired thalamocortical connectivity in autism spectrum disorder: a study of functional and anatomical connectivity. 2013 , 136, 1942-55		219
2094	TOWARDS UNDERSTANDING AUTISM RISK FACTORS: A CLASSIFICATION OF BRAIN IMAGES WITH SUPPORT VECTOR MACHINES. 2013 , 07, 205-213		1
2093	Decreased functional brain connectivity in adolescents with internet addiction. 2013 , 8, e57831		94

2092	Atypical vertical sound localization and sound-onset sensitivity in people with autism spectrum disorders. 2013 , 38, 398-406	18
2091	Overview of potential procedural and participant-related confounds for neuroimaging of the resting state. 2013 , 38, 84-96	53
2090	Multi-scale community organization of the human structural connectome and its relationship with resting-state functional connectivity. 2013 , 1, 353-373	77
2089	Amodal processing in human prefrontal cortex. 2013 , 33, 11573-87	35
2088	Neural activity during natural viewing of Sesame Street statistically predicts test scores in early childhood. 2013 , 11, e1001462	102
2087	Dynamic change of global and local information processing in propofol-induced loss and recovery of consciousness. 2013 , 9, e1003271	97
2086	Impact of brain aging and neurodegeneration on cognition: evidence from MRI. 2013 , 26, 640-5	21
2085	Functional Magnetic Resonance Imaging. 2013 , 14, 1-9	3
2084	Interhemispheric functional connectivity following prenatal or perinatal brain injury predicts receptive language outcome. 2013 , 33, 5612-25	21
2083	Theories in Developmental Cognitive Neuroscience. 2013 , 191-205	2
2082	Salience network-based classification and prediction of symptom severity in children with autism. 2013 , 70, 869-79	390
2081	Reconceptualizing functional brain connectivity in autism from a developmental perspective. 2013 , 7, 458	313
2080	Brain circuits that link schizophrenia to high risk of cigarette smoking. 2013 , 39, 1373-81	32
2079	Cortical signatures of dyslexia and remediation: an intrinsic functional connectivity approach. 2013 , 8, e55454	80
2078	Two distinct forms of functional lateralization in the human brain. 2013 , 110, E3435-44	221
2077	A translational neuroscience framework for the development of socioemotional functioning in health and psychopathology. 2013 , 25, 1293-309	8
2076	Neural basis of emotional decision making in trait anxiety. 2013 , 33, 18641-53	52
2075	Cognitive relevance of the community structure of the human brain functional coactivation network. 2013 , 110, 11583-8	307

2074	Reduced default mode network connectivity in treatment-resistant idiopathic generalized epilepsy. 2013 , 54, 461-70	57
2073	Effective Preprocessing Procedures Virtually Eliminate Distance-Dependent Motion Artifacts in Resting State fMRI. 2013 , 2013,	200
2072	Potential use and challenges of functional connectivity mapping in intractable epilepsy. 2013 , 4, 39	44
2071	The Teenage Brain: Functional Connectivity. 2013 , 22, 101-107	10
2070	Aberrant intrinsic brain activity and cognitive deficit in first-episode treatment-naive patients with schizophrenia. 2013 , 43, 769-80	79
2069	Functional and structural connectivity of frontostriatal circuitry in Autism Spectrum Disorder. 2013 , 7, 430	93
2068	Age differences in hippocampus-cortex connectivity during true and false memory retrieval. 2013 , 19, 1031-41	10
2067	Exploring functional connectivity networks with multichannel brain array coils. 2013 , 3, 302-15	12
2066	Atypical resting-state functional connectivity of affective pain regions in chronic migraine. 2013 , 53, 737-51	124
2065	Resting-state fMRI: a review of methods and clinical applications. 2013 , 34, 1866-72	593
2064	Caudate resting connectivity predicts implicit probabilistic sequence learning. 2013 , 3, 601-10	29
2063	Frequency-dependent relationship between resting-state functional magnetic resonance imaging signal power and head motion is localized within distributed association networks. 2014 , 4, 30-9	15
2062	Resting state inter and intra hemispheric human brain functional connectivity. 2013 , 2013, 6522-5	3
2061	A connectionist approach to mapping the human connectome permits simulations of neural activity within an artificial brain. 2014 , 4, 40-52	6
2060	Research Review: Emanuel Miller Memorial Lecture 2012 - neuroscientific studies of intervention for language impairment in children: interpretive and methodological problems. 2013 , 54, 247-59	26
2059	Temporal-order judgment of audiovisual events involves network activity between parietal and prefrontal cortices. 2013 , 3, 536-45	28
2058	Correcting brain-wide correlation differences in resting-state fMRI. 2013 , 3, 339-52	137
2057	Resting-state fMRI activity in the basal ganglia predicts unsupervised learning performance in a virtual reality environment. 2013 ,	1

2056	Functional connectivity eigennetworks reveal different brain dynamics in multiple sclerosis patients. 2013,	4
2055	The fine-scale functional correlation of striate cortex in sighted and blind people. 2013, 33, 16209-19	51
2054	Underconnectivity between voice-selective cortex and reward circuitry in children with autism. 2013, 110, 12060-5	151
2053	Longitudinal growth curves of brain function underlying inhibitory control through adolescence. 2013, 33, 18109-24	170
2052	Integrated strategy for improving functional connectivity mapping using multiecho fMRI. 2013, 110, 16187-92	216
2051	Functional connectivity in healthy subjects is nonlinearly modulated by the COMT and DRD2 polymorphisms in a functional system-dependent manner. 2013, 33, 17519-26	32
2050	Human brain functional network changes associated with enhanced and impaired attentional task performance. 2013, 33, 5903-14	84
2049	Disruption of visual and motor connectivity in spinocerebellar ataxia type 7. 2013, 28, 1708-16	29
2048	Identifying functional networks using endogenous connectivity in gamma band electrocorticography. 2013, 3, 491-502	27
2047	Energetic cost of brain functional connectivity. 2013, 110, 13642-7	331
2046	On the emergence of autism: neuroimaging findings from birth to preschool. 2013, 3, 209-222	15
2045	The influence of the amplitude of low-frequency fluctuations on resting-state functional connectivity. 2013, 7, 118	76
2044	The perils of global signal regression for group comparisons: a case study of Autism Spectrum Disorders. 2013, 7, 356	203
2043	Development of Neural Networks Supporting Goal-Directed Behavior. 2013, 21-54	1
2042	Changes in task-related functional connectivity across multiple spatial scales are related to reading performance. 2013, 8, e59204	12
2041	Combining classification with fMRI-derived complex network measures for potential neurodiagnostics. 2013, 8, e62867	35
2040	Altered regional homogeneity with short-term simulated microgravity and its relationship with changed performance in mental transformation. 2014, 8, e64931	13
2039	Resting state networks' corticotopy: the dual intertwined rings architecture. 2013, 8, e67444	23

2038	Brain regions responsible for tinnitus distress and loudness: a resting-state fMRI study. 2013 , 8, e67778	51
2037	Abnormal regional homogeneity in patients with essential tremor revealed by resting-state functional MRI. 2013 , 8, e69199	57
2036	Decreased interhemispheric coordination in treatment-resistant depression: a resting-state fMRI study. 2013 , 8, e71368	51
2035	Default-mode network changes in Huntington's disease: an integrated MRI study of functional connectivity and morphometry. 2013 , 8, e72159	37
2034	Long-term effects of attentional performance on functional brain network topology. 2013 , 8, e74125	36
2033	Evaluation of node-inhomogeneity effects on the functional brain network properties using an anatomy-constrained hierarchical brain parcellation. 2013 , 8, e74935	17
2032	Altered resting state brain networks in Parkinson's disease. 2013 , 8, e77336	157
2031	Aging brain from a network science perspective: something to be positive about?. 2013 , 8, e78345	8
2030	Catechol-O-methyltransferase Val158Met polymorphism modulates gray matter volume and functional connectivity of the default mode network. 2013 , 8, e78697	20
2029	Real-time fMRI pattern decoding and neurofeedback using FRIEND: an FSL-integrated BCI toolbox. 2013 , 8, e81658	25
2028	Bayesian network analysis reveals alterations to default mode network connectivity in individuals at risk for Alzheimer's disease. 2013 , 8, e82104	22
2027	BOLD Granger causality reflects vascular anatomy. 2013 , 8, e84279	43
2026	Mapping the voxel-wise effective connectome in resting state fMRI. 2013 , 8, e73670	31
2025	Regional brain atrophy and functional connectivity changes related to fatigue in multiple sclerosis. 2013 , 8, e77914	50
2024	Age differences in the intrinsic functional connectivity of default network subsystems. 2013 , 5, 73	83
2023	Extraversion and neuroticism relate to topological properties of resting-state brain networks. 2013 , 7, 257	44
2022	Functional connectivity in the first year of life in infants at-risk for autism: a preliminary near-infrared spectroscopy study. 2013 , 7, 444	77
2021	Atypical modulation of distant functional connectivity by cognitive state in children with Autism Spectrum Disorders. 2013 , 7, 482	36

2020	Intrinsic functional network organization in high-functioning adolescents with autism spectrum disorder. 2013 , 7, 573	106
2019	Multisite functional connectivity MRI classification of autism: ABIDE results. 2013 , 7, 599	209
2018	Approaches to local connectivity in autism using resting state functional connectivity MRI. 2013 , 7, 605	75
2017	On development of functional brain connectivity in the young brain. 2013 , 7, 650	57
2016	Identification of neural connectivity signatures of autism using machine learning. 2013 , 7, 670	105
2015	Resting state fMRI reveals a default mode dissociation between retrosplenial and medial prefrontal subnetworks in ASD despite motion scrubbing. 2013 , 7, 802	60
2014	Age related changes in striatal resting state functional connectivity in autism. 2013 , 7, 814	63
2013	Addressing head motion dependencies for small-world topologies in functional connectomics. 2013 , 7, 910	125
2012	Impact of functional MRI data preprocessing pipeline on default-mode network detectability in patients with disorders of consciousness. 2013 , 7, 16	14
2011	Disruption of transfer entropy and inter-hemispheric brain functional connectivity in patients with disorder of consciousness. 2013 , 7, 24	35
2010	The dynamic reorganization of the default-mode network during a visual classification task. 2013 , 7, 34	29
2009	. 2013 ,	1
2008	Temporal reliability and lateralization of the resting-state language network. 2014 , 9, e85880	44
2007	Regional homogeneity of intrinsic brain activity in happy and unhappy individuals. 2014 , 9, e85181	28
2006	Altered spontaneous brain activity in patients with Parkinson's disease accompanied by depressive symptoms, as revealed by regional homogeneity and functional connectivity in the prefrontal-limbic system. 2014 , 9, e84705	59
2005	Contribution of the resting-state functional connectivity of the contralesional primary sensorimotor cortex to motor recovery after subcortical stroke. 2014 , 9, e84729	45
2004	Abnormal default-mode network homogeneity in first-episode, drug-naive major depressive disorder. 2014 , 9, e91102	56
2003	Disruptions in brain networks of older fallers are associated with subsequent cognitive decline: a 12-month prospective exploratory study. 2014 , 9, e93673	27

2002	Diffusion tensor imaging and resting-state functional MRI-scanning in 5- and 6-year-old children: training protocol and motion assessment. 2014, 9, e94019	53
2001	Altered network topologies and hub organization in adults with autism: a resting-state fMRI study. 2014, 9, e94115	85
2000	Intrinsic functional brain architecture derived from graph theoretical analysis in the human fetus. 2014, 9, e94423	69
1999	Influence of anodal transcranial direct current stimulation (tDCS) over the right angular gyrus on brain activity during rest. 2014, 9, e95984	24
1998	Mapping small-world properties through development in the human brain: disruption in schizophrenia. 2014, 9, e96176	40
1997	Functional and structural correlates of motor speed in the cerebellar anterior lobe. 2014, 9, e96871	17
1996	Neural correlates of letter reversal in children and adults. 2014, 9, e98386	20
1995	A multi-methodological MR resting state network analysis to assess the changes in brain physiology of children with ADHD. 2014, 9, e99119	25
1994	Voxel-wise motion artifacts in population-level whole-brain connectivity analysis of resting-state FMRI. 2014, 9, e104947	19
1993	Individual differences in impulsivity predict head motion during magnetic resonance imaging. 2014, 9, e104989	72
1992	Isolated assessment of translation or rotation severely underestimates the effects of subject motion in fMRI data. 2014, 9, e106498	16
1991	Unravelling the intrinsic functional organization of the human striatum: a parcellation and connectivity study based on resting-state FMRI. 2014, 9, e106768	71
1990	Reduced topological efficiency in cortical-basal Ganglia motor network of Parkinson's disease: a resting state fMRI study. 2014, 9, e108124	24
1989	Connectotyping: model based fingerprinting of the functional connectome. 2014, 9, e111048	115
1988	Maximizing negative correlations in resting-state functional connectivity MRI by time-lag. 2014, 9, e111554	29
1987	When structure affects function--the need for partial volume effect correction in functional and resting state magnetic resonance imaging studies. 2014, 9, e114227	41
1986	Developing Attention: Behavioral and Brain Mechanisms. 2014, 2014, 405094	138
1985	Tai Chi Chuan optimizes the functional organization of the intrinsic human brain architecture in older adults. 2014, 6, 74	54

1984	Decreased Default Mode Network connectivity correlates with age-associated structural and cognitive changes. 2014 , 6, 256	69
1983	Touching moments: desire modulates the neural anticipation of active romantic caress. 2014 , 8, 60	18
1982	Functional connectivity density alterations in schizophrenia. 2014 , 8, 404	52
1981	Bayesian network analysis revealed the connectivity difference of the default mode network from the resting-state to task-state. 2014 , 8, 118	9
1980	Sensitivity of fNIRS to cognitive state and load. 2014 , 8, 76	132
1979	The VWFA: it's not just for words anymore. 2014 , 8, 88	72
1978	Topological organization of the "small-world" visual attention network in children with attention deficit/hyperactivity disorder (ADHD). 2014 , 8, 162	34
1977	Language in the brain at rest: new insights from resting state data and graph theoretical analysis. 2014 , 8, 228	43
1976	Machine learning classification of resting state functional connectivity predicts smoking status. 2014 , 8, 425	47
1975	A single session of exercise increases connectivity in sensorimotor-related brain networks: a resting-state fMRI study in young healthy adults. 2014 , 8, 625	50
1974	Moderate threat causes longer lasting disruption to processing in anxious individuals. 2014 , 8, 626	5
1973	Fetal functional imaging portrays heterogeneous development of emerging human brain networks. 2014 , 8, 852	77
1972	Dynamic connectivity states estimated from resting fMRI Identify differences among Schizophrenia, bipolar disorder, and healthy control subjects. 2014 , 8, 897	271
1971	Changes in global and regional modularity associated with increasing working memory load. 2014 , 8, 954	55
1970	Multi-scale integration and predictability in resting state brain activity. 2014 , 8, 66	10
1969	The spatial structure of resting state connectivity stability on the scale of minutes. 2014 , 8, 138	86
1968	Functional network alterations and their structural substrate in drug-resistant epilepsy. 2014 , 8, 411	47
1967	Detection of abnormal resting-state networks in individual patients suffering from focal epilepsy: an initial step toward individual connectivity assessment. 2014 , 8, 419	24

1966	Precentral gyrus functional connectivity signatures of autism. 2014 , 8, 80	54
1965	Unraveling the miswired connectome: a developmental perspective. 2014 , 83, 1335-53	232
1964	Large-scale changes in network interactions as a physiological signature of spatial neglect. 2014 , 137, 3267-83	114
1963	Neurobiological basis of head motion in brain imaging. 2014 , 111, 6058-62	221
1962	Large-scale brain network coupling predicts acute nicotine abstinence effects on craving and cognitive function. 2014 , 71, 523-30	163
1961	Impact of remote ischemic preconditioning preceding coronary artery bypass grafting on inducing neuroprotection (RIPCAGE): study protocol for a randomized controlled trial. 2014 , 15, 414	5
1960	Functional connectivity of the posterior hippocampus is more dominant as we age. 2014 , 5, 150-9	23
1959	Connectivity strength of dissociable striatal tracts predict individual differences in temporal discounting. 2014 , 34, 10298-310	109
1958	Mental action simulation synchronizes action-observation circuits across individuals. 2014 , 34, 748-57	42
1957	Local cortical thinning links to resting-state disconnectivity in major depressive disorder. 2014 , 44, 2053-65	88
1956	Intrinsic hippocampal activity as a biomarker for cognition and symptoms in schizophrenia. 2014 , 171, 549-56	99
1955	The value of resting-state functional magnetic resonance imaging in stroke. 2014 , 45, 2818-24	40
1954	Ventral tegmental area/midbrain functional connectivity and response to antipsychotic medication in schizophrenia. 2014 , 39, 1020-30	112
1953	Modulation of interhemispheric functional coordination in electroconvulsive therapy for depression. 2014 , 4, e453	35
1952	Childhood maltreatment and amygdala connectivity in methamphetamine dependence: a pilot study. 2014 , 4, 867-76	31
1951	Transfer of learning relates to intrinsic connectivity between hippocampus, ventromedial prefrontal cortex, and large-scale networks. 2014 , 34, 11297-303	53
1950	Resting-state cortico-thalamic-striatal connectivity predicts response to dorsomedial prefrontal rTMS in major depressive disorder. 2014 , 39, 488-98	173
1949	Functional and developmental significance of amplitude variance asymmetry in the BOLD resting-state signal. 2014 , 24, 1332-50	12

1948	Selective development of anticorrelated networks in the intrinsic functional organization of the human brain. 2014 , 26, 501-13		119
1947	Time of acquisition and network stability in pediatric resting-state functional magnetic resonance imaging. 2014 , 4, 417-27		21
1946	Regional homogeneity abnormalities in patients with tension-type headache: a resting-state fMRI study. 2014 , 30, 949-955		22
1945	Atypical cross talk between mentalizing and mirror neuron networks in autism spectrum disorder. 2014 , 71, 751-60		109
1944	Influencing food choices by training: evidence for modulation of frontoparietal control signals. 2014 , 26, 247-68		15
1943	Social perception in autism spectrum disorders: impaired category selectivity for dynamic but not static images in ventral temporal cortex. 2014 , 24, 37-48		40
1942	Resting state networks distinguish human ventral tegmental area from substantia nigra. <i>NeuroImage</i> , 2014 , 100, 580-9	7.9	137
1941	Altered regional homogeneity in rolandic epilepsy: a resting-state FMRI study. 2014 , 2014, 960395		32
1940	Functional connectivity in the basal ganglia network differentiates PD patients from controls. 2014 , 83, 208-14		123
1939	Sustained anxiety increases amygdala-dorsomedial prefrontal coupling: a mechanism for maintaining an anxious state in healthy adults. 2014 , 39, 321-9		57
1938	The Default Network of the Brain. 2014 , 169-181		
1937	Structural and functional rich club organization of the brain in children and adults. 2014 , 9, e88297		123
1936	Development of the default mode and central executive networks across early adolescence: a longitudinal study. 2014 , 10, 148-59		173
1935	Disruption of cortical association networks in schizophrenia and psychotic bipolar disorder. 2014 , 71, 109-18		261
1934	Antihistamine induced blood oxygenation level dependent response changes related to visual processes during sensori-motor performance. 2014 , 35, 3095-106		1
1933	Overlapping and segregated resting-state functional connectivity in patients with major depressive disorder with and without childhood neglect. 2014 , 35, 1154-66		151
1932	Resting-state functional connectivity MRI reveals active processes central to cognition. 2014 , 5, 233-45		50
1931	Elevated hippocampal resting-state connectivity underlies deficient neurocognitive function in aging. 2014 , 111, 17654-9		117

1930	Lifespan differences in cortico-striatal resting state connectivity. 2014 , 4, 166-80	20
1929	Examining mechanisms of brain control of bladder function with resting state functional connectivity MRI. 2014 , 33, 493-501	25
1928	Reduced left executive control network functional connectivity is associated with alcohol use disorders. 2014 , 38, 2445-53	63
1927	Analyzing task-dependent brain network changes by whole-brain psychophysiological interactions: a comparison to conventional analysis. 2014 , 35, 5071-82	33
1926	Flexible connectivity in the aging brain revealed by task modulations. 2014 , 35, 3788-804	27
1925	Robustness and Precision: How Data Quality May Influence Key Dependent Variables in Infant Eye-Tracker Analyses. 2014 , 19, 427-460	61
1924	Alterations in effective connectivity anchored on the insula in major depressive disorder. 2014 , 24, 1784-92	40
1923	Reversible functional connectivity disturbances during transient global amnesia. 2014 , 75, 634-43	42
1922	Neural connectivity patterns underlying symbolic number processing indicate mathematical achievement in children. 2014 , 17, 187-202	19
1921	Structural and functional underconnectivity as a negative predictor for language in autism. 2014 , 35, 3602-15	35
1920	The ages of anxiety--differences across the lifespan in the default mode network functional connectivity in generalized anxiety disorder. 2014 , 29, 704-12	45
1919	The neurosteroids allopregnanolone and dehydroepiandrosterone modulate resting-state amygdala connectivity. 2014 , 35, 3249-61	43
1918	Altered resting-state network connectivity in congenital blind. 2014 , 35, 2573-81	51
1917	Developmental topographical disorientation and decreased hippocampal functional connectivity. 2014 , 24, 1364-74	28
1916	Specific impairment of functional connectivity between language regions in former early preterms. 2014 , 35, 3372-84	28
1915	Resting-state functional connectivity modulation and sustained changes after real-time functional magnetic resonance imaging neurofeedback training in depression. 2014 , 4, 690-701	94
1914	Network connectivity abnormality profile supports a categorical-dimensional hybrid model of ADHD. 2014 , 35, 4531-43	50
1913	Frequency-specific alternations in the amplitude of low-frequency fluctuations in schizophrenia. 2014 , 35, 627-37	160

1912	Tonic hyper-connectivity of reward neurocircuitry in obese children. 2014 , 22, 1590-3	26
1911	Unilateral disruptions in the default network with aging in native space. 2014 , 4, 143-57	28
1910	Impact of methodological variables on functional connectivity findings in autism spectrum disorders. 2014 , 35, 4035-48	68
1909	Great expectations: using whole-brain computational connectomics for understanding neuropsychiatric disorders. 2014 , 84, 892-905	237
1908	A functional dissociation between language and multiple-demand systems revealed in patterns of BOLD signal fluctuations. 2014 , 112, 1105-18	99
1907	Characterization of thalamo-cortical association using amplitude and connectivity of functional MRI in mild traumatic brain injury. 2014 , 39, 1558-68	61
1906	Allodynia and descending pain modulation in migraine: a resting state functional connectivity analysis. 2014 , 15, 154-65	96
1905	Functional connectivity of hippocampal networks in temporal lobe epilepsy. 2014 , 55, 137-45	142
1904	Developmental changes in brain activation involved in the production of novel speech sounds in children. 2014 , 35, 4079-89	4
1903	Statistical improvements in functional magnetic resonance imaging analyses produced by censoring high-motion data points. 2014 , 35, 1981-96	321
1902	Cerebellar networks in individuals at ultra high-risk of psychosis: impact on postural sway and symptom severity. 2014 , 35, 4064-78	79
1901	Classification of borderline personality disorder based on spectral power of resting-state fMRI. 2014 , 2014, 5036-9	8
1900	Disrupted functional connectivity of the periaqueductal gray in chronic low back pain. 2014 , 6, 100-8	124
1899	Efficiency of weak brain connections support general cognitive functioning. 2014 , 35, 4566-82	110
1898	Decreased inter-hemispheric connectivity in anterior sub-network of default mode network and cerebellum: significant findings in major depressive disorder. 2014 , 17, 1935-42	31
1897	Timing is everything: Age differences in the cognitive control network are modulated by time of day. 2014 , 29, 648-657	52
1896	Dietary omega-3 fatty acids modulate large-scale systems organization in the rhesus macaque brain. 2014 , 34, 2065-74	54
1895	The 5% difference: early sensory processing predicts sarcasm perception in schizophrenia and schizo-affective disorder. 2014 , 44, 25-36	35

1894	Reduced resting-state brain activity in the default mode network in children with (central) auditory processing disorders. 2014 , 10, 33	7
1893	EEG hyper-connectivity in high-risk infants is associated with later autism. 2014 , 6, 40	122
1892	The role of mirroring and mentalizing networks in mediating action intentions in autism. 2014 , 5, 50	41
1891	Whole-brain connectivity analysis and classification of spinocerebellar ataxia type 7 by functional MRI. 2014 , 1, 2	15
1890	Abnormal amygdala resting-state functional connectivity in adolescent depression. 2014 , 71, 1138-47	193
1889	Risky decision making, prefrontal cortex, and mesocorticolimbic functional connectivity in methamphetamine dependence. 2014 , 71, 812-20	109
1888	Anxious/depressed symptoms are linked to right ventromedial prefrontal cortical thickness maturation in healthy children and young adults. 2014 , 24, 2941-50	113
1887	Head motion in children with ADHD during resting-state brain imaging. 2014 ,	1
1886	The Neurobiology of Childhood. 2014 ,	1
1885	Functional connectivity of substantia nigra and ventral tegmental area: maturation during adolescence and effects of ADHD. 2014 , 24, 935-44	100
1884	Subtyping attention-deficit/hyperactivity disorder using temperament dimensions: toward biologically based nosologic criteria. 2014 , 71, 1015-24	221
1883	Abnormal synchrony of resting state networks in premanifest and symptomatic Huntington disease: the IMAGE-HD study. 2014 , 39, 87-96	48
1882	Photoacoustic imaging of an inflammatory lesion model in the neonatal rat brain. 2014 ,	
1881	Structural and functional aspects relating to cost and benefit of rich club organization in the human cerebral cortex. 2014 , 24, 2258-67	169
1880	Functional connectivity in autosomal dominant and late-onset Alzheimer disease. 2014 , 71, 1111-22	68
1879	Characterizing thalamo-cortical disturbances in schizophrenia and bipolar illness. 2014 , 24, 3116-30	305
1878	Mediodorsal and visual thalamic connectivity differ in schizophrenia and bipolar disorder with and without psychosis history. 2014 , 40, 1227-43	65
1877	A data-driven method to reduce the impact of region size on degree metrics in voxel-wise functional brain networks. 2014 , 5, 199	2

1876	Diffusion Tensor Imaging in the Study of Aging and Age-Associated Neural Disease. 2014 , 257-281		7
1875	Memory accumulation mechanisms in human cortex are independent of motor intentions. 2014 , 34, 6993-7006		23
1874	Early signs of anomalous neural functional connectivity in healthy offspring of parents with bipolar disorder. 2014 , 16, 678-89		64
1873	Aberrant resting-state functional connectivity in limbic and salience networks in treatment-naïve clinically depressed adolescents. 2014 , 55, 1317-27		91
1872	Functional magnetic resonance imaging movers and shakers: does subject-movement cause sampling bias?. 2014 , 35, 1-13		44
1871	Specific frequency bands of amplitude low-frequency oscillation encodes personality. 2014 , 35, 331-9		76
1870	Evaluation of spatio-temporal decomposition techniques for group analysis of fMRI resting state data sets. <i>NeuroImage</i> , 2014 , 87, 363-82	7.9	10
1869	Dysconnectivity of neurocognitive networks at rest in very-preterm born adults. 2014 , 4, 352-65		63
1868	Common intrinsic connectivity states among posteromedial cortex subdivisions: Insights from analysis of temporal dynamics. <i>NeuroImage</i> , 2014 , 93 Pt 1, 124-37	7.9	81
1867	Gender differences in brain activity and the relationship between brain activity and differences in prevalence rates between male and female major depressive disorder patients: a resting-state fMRI study. 2014 , 125, 2232-2239		32
1866	Amygdala subregional structure and intrinsic functional connectivity predicts individual differences in anxiety during early childhood. 2014 , 75, 892-900		159
1865	Functional connectivity and graph theory in preclinical Alzheimer's disease. 2014 , 35, 757-68		230
1864	Functional connectivity in the developing brain: a longitudinal study from 4 to 9 months of age. <i>NeuroImage</i> , 2014 , 84, 169-80	7.9	65
1863	Disrupted resting-state functional connectivity in minimally treated chronic schizophrenia. 2014 , 156, 150-6		66
1862	Characterizing individual differences in functional connectivity using dual-regression and seed-based approaches. <i>NeuroImage</i> , 2014 , 95, 1-12	7.9	80
1861	Resting state functional connectivity of the nucleus accumbens in youth with a family history of alcoholism. 2014 , 221, 210-9		63
1860	Development of deactivation of the default-mode network during episodic memory formation. <i>NeuroImage</i> , 2014 , 84, 932-8	7.9	44
1859	The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. 2014 , 19, 659-67		1182

1858	Altered resting-state functional connectivity of basolateral and centromedial amygdala complexes in posttraumatic stress disorder. 2014 , 39, 351-9		189
1857	Neuroimaging endophenotypes in animal models of autism spectrum disorders: lost or found in translation?. 2014 , 231, 1167-89		7
1856	The self and its resting state in consciousness: an investigation of the vegetative state. 2014 , 35, 1997-2008		72
1855	Complexity of low-frequency blood oxygen level-dependent fluctuations covaries with local connectivity. 2014 , 35, 1273-83		27
1854	Thalamocortical connectivity during resting state in schizophrenia. 2014 , 264, 111-9		83
1853	Changes in cerebral morphometry and amplitude of low-frequency fluctuations of BOLD signals during healthy aging: correlation with inhibitory control. 2014 , 219, 983-94		57
1852	Methods to detect, characterize, and remove motion artifact in resting state fMRI. <i>NeuroImage</i> , 2014 , 84, 320-41	7.9	1793
1851	Differentially disrupted functional connectivity in posteromedial cortical subregions in Alzheimer's disease. 2014 , 39, 527-43		20
1850	Precuneus is a functional core of the default-mode network. 2014 , 34, 932-40		474
1849	Resting-state fMRI connectivity impairment in schizophrenia and bipolar disorder. 2014 , 40, 100-10		95
1848	A wavelet method for modeling and despiking motion artifacts from resting-state fMRI time series. <i>NeuroImage</i> , 2014 , 95, 287-304	7.9	229
1847	Connecting the dots: a review of resting connectivity MRI studies in attention-deficit/hyperactivity disorder. 2014 , 24, 3-15		157
1846	Distributed BOLD and CBV-weighted resting-state networks in the mouse brain. <i>NeuroImage</i> , 2014 , 87, 403-15	7.9	144
1845	Changing value through cued approach: an automatic mechanism of behavior change. 2014 , 17, 625-30		87
1844	Functional brain connectivity using fMRI in aging and Alzheimer's disease. 2014 , 24, 49-62		286
1843	Strengthening connections: functional connectivity and brain plasticity. 2014 , 24, 63-76		71
1842	Identifying 22q11.2 deletion syndrome and psychosis using resting-state connectivity patterns. 2014 , 27, 808-21		27
1841	Abnormal lateralization of functional connectivity between language and default mode regions in autism. 2014 , 5, 8		62

1840	Disrupted network architecture of the resting brain in attention-deficit/hyperactivity disorder. 2014 , 35, 4693-705		105
1839	Divergent task-dependent functional connectivity of executive control and salience networks. 2014 , 51, 56-66		75
1838	Bridging the gap between the human and macaque connectome: a quantitative comparison of global interspecies structure-function relationships and network topology. 2014 , 34, 5552-63		101
1837	Tracking whole-brain connectivity dynamics in the resting state. 2014 , 24, 663-76		1572
1836	Enhanced medial prefrontal-default mode network functional connectivity in chronic pain and its association with pain rumination. 2014 , 34, 3969-75		234
1835	Increased resting functional connectivity of the medial prefrontal cortex in creativity by means of cognitive stimulation. 2014 , 51, 92-102		116
1834	Developmental changes in the organization of functional connections between the basal ganglia and cerebral cortex. 2014 , 34, 5842-54		66
1833	A multivariate distance-based analytic framework for connectome-wide association studies. <i>NeuroImage</i> , 2014 , 93 Pt 1, 74-94	7.9	115
1832	Differences in paracingulate connectivity associated with epileptiform discharges and uncontrolled seizures in genetic generalized epilepsy. 2014 , 55, 256-63		23
1831	Resting state correlates of subdimensions of anxious affect. 2014 , 26, 914-26		30
1830	Parcellating an individual subject's cortical and subcortical brain structures using snowball sampling of resting-state correlations. 2014 , 24, 2036-54		92
1829	An approach for parcellating human cortical areas using resting-state correlations. <i>NeuroImage</i> , 2014 , 93 Pt 2, 276-91	7.9	124
1828	The development of human amygdala functional connectivity at rest from 4 to 23 years: a cross-sectional study. <i>NeuroImage</i> , 2014 , 95, 193-207	7.9	255
1827	The influence of spatial resolution and smoothing on the detectability of resting-state and task fMRI. <i>NeuroImage</i> , 2014 , 86, 221-30	7.9	32
1826	Connectivity trajectory across lifespan differentiates the precuneus from the default network. <i>NeuroImage</i> , 2014 , 89, 45-56	7.9	97
1825	Default mode network connectivity and reciprocal social behavior in 22q11.2 deletion syndrome. 2014 , 9, 1261-7		55
1824	ICA-based artefact removal and accelerated fMRI acquisition for improved resting state network imaging. <i>NeuroImage</i> , 2014 , 95, 232-47	7.9	708
1823	Head motion parameters in fMRI differ between patients with mild cognitive impairment and Alzheimer disease versus elderly control subjects. 2014 , 27, 801-7		12

1822	Early life stress and trauma and enhanced limbic activation to emotionally valenced faces in depressed and healthy children. 2014 , 53, 800-13.e10		62
1821	Age-related functional reorganization, structural changes, and preserved cognition. 2014 , 35, 42-54		74
1820	Topological organization of the human brain functional connectome across the lifespan. 2014 , 7, 76-93		261
1819	Developmental changes in effective connectivity associated with relational reasoning. 2014 , 35, 3262-76		24
1818	Amplitude of low-frequency fluctuations in bipolar disorder: a resting state fMRI study. 2014 , 152-154, 237-42		64
1817	The effects of psychotherapy on brain function: a systematic and critical review. 2014 , 114, 1-14		110
1816	Neuroimaging of epilepsy: lesions, networks, oscillations. 2014 , 24, 5-15		12
1815	Impaired long distance functional connectivity and weighted network architecture in Alzheimer's disease. 2014 , 24, 1422-35		142
1814	Altered resting-state connectivity in Huntington's disease. 2014 , 35, 2582-93		59
1813	Incorporating spatial dependence into Bayesian multiple testing of statistical parametric maps in functional neuroimaging. <i>NeuroImage</i> , 2014 , 84, 97-112	7.9	15
1812	Self-disturbances as a possible premorbid indicator of schizophrenia risk: a neurodevelopmental perspective. 2014 , 152, 73-80		57
1811	Studying brain organization via spontaneous fMRI signal. 2014 , 84, 681-96		167
1810	Age-related differences in the dynamic architecture of intrinsic networks. 2014 , 4, 231-41		22
1809	Altered temporal variance and neural synchronization of spontaneous brain activity in anesthesia. 2014 , 35, 5368-78		50
1808	Age-related differences in advantageous decision making are associated with distinct differences in functional community structure. 2014 , 4, 193-202		18
1807	Sex differences in the neural substrates of spatial working memory during adolescence are not mediated by endogenous testosterone. 2014 , 1593, 40-54		16
1806	Intrinsic brain activity of cognitively normal older persons resembles more that of patients both with and at risk for Alzheimer's disease than that of healthy younger persons. 2014 , 4, 323-36		2
1805	Slow fluctuations in eye position and resting-state functional magnetic resonance imaging brain activity during visual fixation. 2014 , 40, 3828-35		10

1804	Functional connectivity and brain activation: a synergistic approach. 2014 , 24, 2619-29		63
1803	Decreased segregation of brain systems across the healthy adult lifespan. 2014 , 111, E4997-5006		406
1802	Underconnectivity of the superior temporal sulcus predicts emotion recognition deficits in autism. 2014 , 9, 1589-600		76
1801	Responsiveness and functional connectivity of the scene-sensitive retrosplenial complex in 7-11-year-old children. 2014 , 92C, 61-72		6
1800	Individual differences in intrinsic brain connectivity predict decision strategy. 2014 , 112, 1838-48		15
1799	Differences in graph theory functional connectivity in left and right temporal lobe epilepsy. 2014 , 108, 1770-81		41
1798	The influence of physiological noise correction on test-retest reliability of resting-state functional connectivity. 2014 , 4, 511-22		50
1797	Childhood poverty and stress reactivity are associated with aberrant functional connectivity in default mode network. 2014 , 39, 2244-51		104
1796	Age effects on the default mode and control networks in typically developing children. 2014 , 58, 89-95		59
1795	Denosing the speaking brain: toward a robust technique for correcting artifact-contaminated fMRI data under severe motion. <i>NeuroImage</i> , 2014 , 103, 33-47	7.9	26
1794	Within-patient correspondence of amyloid- β and intrinsic network connectivity in Alzheimer's disease. 2014 , 137, 2052-64		97
1793	Graph analysis of functional brain networks: practical issues in translational neuroscience. 2014 , 369,		220
1792	Complexity in relational processing predicts changes in functional brain network dynamics. 2014 , 24, 2283-96		59
1791	Heritability of head motion during resting state functional MRI in 462 healthy twins. <i>NeuroImage</i> , 2014 , 102 Pt 2, 424-34	7.9	47
1790	Classification algorithms using multiple MRI features in mild traumatic brain injury. 2014 , 83, 1235-40		24
1789	Brain connectivity in neurodegenerative diseases--from phenotype to proteinopathy. 2014 , 10, 620-33		183
1788	Hyper-coupling between working memory task-evoked activations and amplitude of spontaneous fluctuations in first-episode schizophrenia. 2014 , 159, 80-9		16
1787	Neuroelectrical decomposition of spontaneous brain activity measured with functional magnetic resonance imaging. 2014 , 24, 3080-9		16

1786	Structural and functional connectivity of the human brain in autism spectrum disorders and attention-deficit/hyperactivity disorder: A rich club-organization study. 2014 , 35, 6032-48		103
1785	Targeted enhancement of cortical-hippocampal brain networks and associative memory. 2014 , 345, 1054-7		303
1784	Dynamic functional connectivity of the default mode network tracks daydreaming. <i>NeuroImage</i> , 2014 , 100, 471-80	7.9	225
1783	Largely typical patterns of resting-state functional connectivity in high-functioning adults with autism. 2014 , 24, 1894-905		150
1782	Unlearning chronic pain: A randomized controlled trial to investigate changes in intrinsic brain connectivity following Cognitive Behavioral Therapy. 2014 , 5, 365-76		60
1781	Dynamic functional connectivity analysis reveals transient states of dysconnectivity in schizophrenia. 2014 , 5, 298-308		608
1780	Amygdala connectivity differs among chronic, early course, and individuals at risk for developing schizophrenia. 2014 , 40, 1105-16		55
1779	Changes in structural and functional connectivity among resting-state networks across the human lifespan. <i>NeuroImage</i> , 2014 , 102 Pt 2, 345-57	7.9	449
1778	Developmental Resting State Functional Connectivity for Clinicians. 2014 , 1, 161-169		12
1777	Default mode network in young male adults with autism spectrum disorder: relationship with autism spectrum traits. 2014 , 5, 35		83
1776	Regional amyloid burden and intrinsic connectivity networks in cognitively normal elderly subjects. 2014 , 137, 3327-38		89
1775	Unrecognized preclinical Alzheimer disease confounds rs-fcMRI studies of normal aging. 2014 , 83, 1613-9		40
1774	Brain network alterations in Alzheimer's disease measured by eigenvector centrality in fMRI are related to cognition and CSF biomarkers. 2014 , 35, 2383-93		84
1773	The network property of the thalamus in the default mode network is correlated with trait mindfulness. 2014 , 278, 291-301		40
1772	Functional connectivity during cognitive control in children with autism spectrum disorder: an independent component analysis. 2014 , 121, 1145-55		24
1771	Differences in the right inferior longitudinal fasciculus but no general disruption of white matter tracts in children with autism spectrum disorder. 2014 , 111, 1981-6		84
1770	Abnormal amygdala functional connectivity associated with emotional lability in children with attention-deficit/hyperactivity disorder. 2014 , 53, 351-61.e1		77
1769	Reduction of motion-related artifacts in resting state fMRI using aCompCor. <i>NeuroImage</i> , 2014 , 96, 22-35.9		230

1768	Altered resting functional connectivity of expressive language regions after speed reading training. 2014 , 36, 482-93		1
1767	Does motion-related brain functional connectivity reflect both artifacts and genuine neural activity?. <i>NeuroImage</i> , 2014 , 101, 87-95	7.9	50
1766	SimPACE: generating simulated motion corrupted BOLD data with synthetic-navigated acquisition for the development and evaluation of SLOMOCO: a new, highly effective slicewise motion correction. <i>NeuroImage</i> , 2014 , 101, 21-34	7.9	77
1765	Imaging functional and structural brain connectomics in attention-deficit/hyperactivity disorder. 2014 , 50, 1111-23		98
1764	Neuroimaging of the Philadelphia neurodevelopmental cohort. <i>NeuroImage</i> , 2014 , 86, 544-53	7.9	307
1763	Altered brain long-range functional interactions underlying the link between aberrant self-experience and self-other relationship in first-episode schizophrenia. 2014 , 40, 1072-82		42
1762	Network dysfunction in Alzheimer's disease: refining the disconnection hypothesis. 2014 , 4, 299-311		100
1761	Development of thalamocortical connectivity during infancy and its cognitive correlations. 2014 , 34, 9067-75		129
1760	Stability of low-frequency fluctuation amplitudes in prolonged resting-state fMRI. <i>NeuroImage</i> , 2014 , 103, 249-257	7.9	51
1759	Functional connectivity with ventromedial prefrontal cortex reflects subjective value for social rewards. 2014 , 9, 2017-25		62
1758	Measuring individual morphological relationship of cortical regions. 2014 , 237, 103-7		39
1757	Functional mapping of the magnocellular and parvocellular subdivisions of human LGN. <i>NeuroImage</i> , 2014 , 102 Pt 2, 358-69	7.9	56
1756	Emotional speech synchronizes brains across listeners and engages large-scale dynamic brain networks. <i>NeuroImage</i> , 2014 , 102 Pt 2, 498-509	7.9	80
1755	Neocerebellar contributions to social perception in adolescents with autism spectrum disorder. 2014 , 10, 77-92		37
1754	Intersubject variability of and genetic effects on the brain's functional connectivity during infancy. 2014 , 34, 11288-96		81
1753	The helmet head restraint system: a viable solution for resting state fMRI in awake monkeys. <i>NeuroImage</i> , 2014 , 86, 536-43	7.9	12
1752	Kids, candy, brain and behavior: age differences in responses to candy gains and losses. 2014 , 9, 82-92		20
1751	Altered network properties of the fronto-parietal network and the thalamus in impaired consciousness. 2014 , 4, 240-8		82

1750	Resting state functional connectivity: its physiological basis and application in neuropharmacology. 2014 , 84, 79-89		47
1749	Different topological organization of human brain functional networks with eyes open versus eyes closed. <i>NeuroImage</i> , 2014 , 90, 246-55	7.9	93
1748	The development of the neural substrates of cognitive control in adolescents with autism spectrum disorders. 2014 , 76, 412-21		45
1747	The impact of image smoothness on intrinsic functional connectivity and head motion confounds. <i>NeuroImage</i> , 2014 , 95, 13-21	7.9	44
1746	Developmental differences in higher-order resting-state networks in Autism Spectrum Disorder. 2014 , 4, 820-7		34
1745	A quantitative neural network approach to understanding aging phenotypes. 2014 , 15, 44-50		13
1744	Resting state functional connectivity of the basal nucleus of Meynert in humans: in comparison to the ventral striatum and the effects of age. <i>NeuroImage</i> , 2014 , 97, 321-32	7.9	58
1743	Decreased resting-state interhemispheric functional connectivity in unaffected siblings of schizophrenia patients. 2014 , 152, 170-5		47
1742	Resting-state functional connectivity and reading abilities in first and second languages. <i>NeuroImage</i> , 2014 , 84, 546-53	7.9	28
1741	Methods and considerations for longitudinal structural brain imaging analysis across development. 2014 , 9, 172-90		175
1740	A method for handling intensity inhomogenities in fMRI sequences of moving anatomy of the early developing brain. 2014 , 18, 285-300		24
1739	Abnormal functional connectivity density in psychogenic non-epileptic seizures. 2014 , 108, 1184-94		69
1738	Modular structure of functional networks in olfactory memory. <i>NeuroImage</i> , 2014 , 95, 264-75	7.9	52
1737	Early life stress impacts dorsolateral prefrontal cortex functional connectivity in healthy adults: informing future studies of antidepressant treatments. 2014 , 52, 63-9		24
1736	The relationship between default mode network connectivity and social functioning in individuals at familial high-risk for schizophrenia. 2014 , 156, 87-95		31
1735	Decreased resting-state interhemispheric coordination in first-episode, drug-naive paranoid schizophrenia. 2014 , 48, 14-9		65
1734	Autistic adolescents show atypical activation of the brain's mentalizing system even without a prior history of mentalizing problems. 2014 , 56, 17-25		44
1733	Brain mechanisms underlying the effects of aging on different aspects of selective attention. <i>NeuroImage</i> , 2014 , 91, 52-62	7.9	49

1732	Disrupted modular organization of resting-state cortical functional connectivity in U.S. military personnel following concussive 'mild' blast-related traumatic brain injury. <i>NeuroImage</i> , 2014 , 84, 76-96	7.9	83
1731	Cognitive control network connectivity in adolescent women with and without a parental history of depression. 2014 , 7, 13-22		40
1730	Independent component analysis of resting state activity in pediatric obsessive-compulsive disorder. 2014 , 35, 5306-15		37
1729	Lag structure in resting-state fMRI. 2014 , 111, 2374-91		115
1728	Brain differences between persistent and remitted attention deficit hyperactivity disorder. 2014 , 137, 2423-8		61
1727	Test-retest reliabilities of resting-state FMRI measurements in human brain functional connectomics: a systems neuroscience perspective. 2014 , 45, 100-18		405
1726	The alterations in inter-hemispheric functional coordination of patients with panic disorder: the findings in the posterior sub-network of default mode network. 2014 , 166, 279-84		20
1725	Optical imaging of disrupted functional connectivity following ischemic stroke in mice. <i>NeuroImage</i> , 2014 , 99, 388-401	7.9	90
1724	Subject-specific functional parcellation via prior based eigenanatomy. <i>NeuroImage</i> , 2014 , 99, 14-27	7.9	11
1723	Investigating intrinsic connectivity networks using simultaneous BOLD and CBF measurements. <i>NeuroImage</i> , 2014 , 99, 111-21	7.9	12
1722	Disruption of structure-function coupling in the schizophrenia connectome. 2014 , 4, 779-87		84
1721	Widespread brain dysconnectivity associated with psychotic-like experiences in the general population. 2014 , 4, 343-51		40
1720	Equivalent neural responses in children and adolescents with and without autism during judgments of affect. 2014 , 8, 121-30		7
1719	Decreased regional activity of default-mode network in unaffected siblings of schizophrenia patients at rest. 2014 , 24, 545-52		29
1718	Brain connectivity in autism. 2014 , 8, 349		89
1717	Abnormal baseline brain activity in drug-naïve patients with Tourette syndrome: a resting-state fMRI study. 2014 , 7, 913		32
1716	The effects of psilocybin and MDMA on between-network resting state functional connectivity in healthy volunteers. 2014 , 8, 204		128
1715	A method for investigating age-related differences in the functional connectivity of cognitive control networks associated with dimensional change card sort performance. 2014 ,		1

1714	Developing neuroimaging phenotypes of the default mode network in PTSD: integrating the resting state, working memory, and structural connectivity. 2014,	6
1713	An open science resource for establishing reliability and reproducibility in functional connectomics. 2014, 1, 140049	247
1712	Hippocampal-parietal dysconnectivity and glutamate abnormalities in unmedicated patients with schizophrenia. 2014, 24, 1524-32	41
1711	Methods for Connectivity Analysis in fMRI. 2014, 197-222	2
1710	Eigenconnectivities of dynamic functional networks: Consistency across subjects. 2014,	0
1709	Interhemispheric Connectivity in Drug-Naive Benign Childhood Epilepsy With Centrottemporal Spikes: Combining Function and Diffusion MRI. 2015, 94, e1550	14
1708	Altered resting-state frontoparietal control network in children with attention-deficit/hyperactivity disorder. 2015, 21, 271-84	58
1707	Whole-brain functional hypoconnectivity as an endophenotype of autism in adolescents. 2015, 9, 140-52	55
1706	Dorsal anterior cingulate cortex in typically developing children: Laterality analysis. 2015, 15, 117-29	7
1705	Default mode network segregation and social deficits in autism spectrum disorder: Evidence from non-medicated children. 2015, 9, 223-32	90
1704	Altered resting perfusion and functional connectivity of default mode network in youth with autism spectrum disorder. 2015, 5, e00358	46
1703	Resting-state functional brain networks in Parkinson's disease. 2015, 21, 793-801	35
1702	Measuring Socioemotional Development. 2015, 1-46	3
1701	Amygdala functional connectivity, HPA axis genetic variation, and life stress in children and relations to anxiety and emotion regulation. 2015, 124, 817-33	81
1700	Amplified Brain Processing of Dentoalveolar Pressure Stimulus in Persistent Dentoalveolar Pain Disorder Patients. 2015, 29, 349-62	7
1699	A connectivity-based test-retest dataset of multi-modal magnetic resonance imaging in young healthy adults. 2015, 2, 150056	30
1698	Selective Functional Disconnection of the Dorsal Subregion of the Temporal Pole in Schizophrenia. 2015, 5, 11258	9
1697	Resting-state cerebellar-cerebral networks are differently affected in first-episode, drug-naive schizophrenia patients and unaffected siblings. 2015, 5, 17275	38

1696	Attention bias modification for major depressive disorder: Effects on attention bias, resting state connectivity, and symptom change. 2015 , 124, 463-75	105
1695	Functional coherence of insula networks is associated with externalizing behavior. 2015 , 124, 1079-91	24
1694	Brain Genomics Superstruct Project initial data release with structural, functional, and behavioral measures. 2015 , 2, 150031	204
1693	Test-retest resting-state fMRI in healthy elderly persons with a family history of Alzheimer's disease. 2015 , 2, 150043	24
1692	Idiosyncratic responding during movie-watching predicted by age differences in attentional control. 2015 , 36, 3045-3055	53
1691	Intrinsic Brain Activity and Resting State Networks. 2015 , 1-52	0
1690	Maternal sensitivity, infant limbic structure volume and functional connectivity: a preliminary study. 2015 , 5, e668	54
1689	Alterations of local spontaneous brain activity and connectivity in adults with high-functioning autism spectrum disorder. 2015 , 6, 30	53
1688	The Effects of the X Chromosome on Intrinsic Functional Connectivity in the Human Brain: Evidence from Turner Syndrome Patients. 2017 , 27, 474-484	13
1687	Serotonin transporter gene polymorphism (5-HTTLPR) influences trait anxiety by modulating the functional connectivity between the amygdala and insula in Han Chinese males. 2015 , 36, 2732-42	21
1686	Task-related modulation of functional connectivity variability and its behavioral correlations. 2015 , 36, 3260-72	71
1685	Intelligence-related differences in the asymmetry of spontaneous cerebral activity. 2015 , 36, 3586-602	37
1684	Intrinsic brain activity as a diagnostic biomarker in children with benign epilepsy with centrotemporal spikes. 2015 , 36, 3878-89	35
1683	Resting state functional MRI reveals abnormal network connectivity in neurofibromatosis 1. 2015 , 36, 4566-81	21
1682	Resting-state brain connectivity after surgical and behavioral weight loss. 2015 , 23, 1422-8	31
1681	Test-retest reliability of graph metrics in high-resolution functional connectomics: a resting-state functional MRI study. 2015 , 21, 802-16	26
1680	Early life stress is associated with default system integrity and emotionality during infancy. 2015 , 56, 1212-22	62
1679	Resting-state functional connectivity and nicotine addiction: prospects for biomarker development. 2015 , 1349, 64-82	84

1678	Single stimulus fMRI produces a neural individual difference measure for Autism Spectrum Disorder. 2015 , 3, 422-432	6
1677	Using network dynamic fMRI for detection of epileptogenic foci. 2015 , 15, 262	19
1676	Aberrant functioning of the theory-of-mind network in children and adolescents with autism. 2015 , 6, 59	78
1675	Reduced integration and differentiation of the imitation network in autism: A combined functional connectivity magnetic resonance imaging and diffusion-weighted imaging study. 2015 , 78, 958-69	36
1674	Wavelet-based regularity analysis reveals recurrent spatiotemporal behavior in resting-state fMRI. 2015 , 36, 3603-20	13
1673	RAB2A Polymorphism impacts prefrontal morphology, functional connectivity, and working memory. 2015 , 36, 4372-82	7
1672	A New Paradigm for Individual Subject Language Mapping: Movie-Watching fMRI. 2015 , 25, 710-20	12
1671	Temporal stability of network centrality in control and default mode networks: Specific associations with externalizing psychopathology in children and adolescents. 2015 , 36, 4926-37	19
1670	The ap�itif effect: Alcohol's effects on the brain's response to food aromas in women. 2015 , 23, 1386-93	10
1669	Functional connectivity changes related to cognitive and motor performance in spinocerebellar ataxia type 2. 2015 , 30, 1391-9	23
1668	Research review: Functional brain connectivity and child psychopathology--overview and methodological considerations for investigators new to the field. 2015 , 56, 400-14	15
1667	Interhemispheric resting state functional connectivity abnormalities in unipolar depression and bipolar depression. 2015 , 17, 486-95	87
1666	Disrupted topological organization of resting-state functional brain network in subcortical vascular mild cognitive impairment. 2015 , 21, 846-54	30
1665	Genetic contribution of catechol-O-methyltransferase in hippocampal structural and functional changes of female migraine sufferers. 2015 , 36, 1782-95	19
1664	Changes in intrinsic connectivity of the brain's reading network following intervention in children with autism. 2015 , 36, 2965-79	28
1663	Multiple Resting-State Networks Are Associated With Tremors and Cognitive Features in Essential Tremor. 2015 , 30, 1926-36	31
1662	Hyperconnectivity of the Right Posterior Temporo-parietal Junction Predicts Social Difficulties in Boys with Autism Spectrum Disorder. 2015 , 8, 427-41	24
1661	Regional specificity of aberrant thalamocortical connectivity in autism. 2015 , 36, 4497-511	46

1660	A correlation-based method for extracting subject-specific components and artifacts from group-fMRI data. 2015 , 42, 2726-41	6
1659	Virtual water maze learning in human increases functional connectivity between posterior hippocampus and dorsal caudate. 2015 , 36, 1265-77	34
1658	Disrupted resting-state functional connectivity and its changing trend in migraine sufferers. 2015 , 36, 1892-907	44
1657	A common gustatory and interoceptive representation in the human mid-insula. 2015 , 36, 2996-3006	63
1656	Evidence that neurovascular coupling underlying the BOLD effect increases with age during childhood. 2015 , 36, 1-15	25
1655	Functional connectivity associated with gait velocity during walking and walking-while-talking in aging: a resting-state fMRI study. 2015 , 36, 1484-93	72
1654	Functional connectivity with distinct neural networks tracks fluctuations in gain/loss framing susceptibility. 2015 , 36, 2743-55	19
1653	Persistency and flexibility of complex brain networks underlie dual-task interference. 2015 , 36, 3542-62	28
1652	GABAA receptor deficits predict recovery in patients with disorders of consciousness: A preliminary multimodal [(11) C]Flumazenil PET and fMRI study. 2015 , 36, 3867-77	6
1651	Neural correlates of self-injurious behavior in Prader-Willi syndrome. 2015 , 36, 4135-43	24
1650	Neural basis of disgust perception in racial prejudice. 2015 , 36, 5275-86	18
1649	How are different neural networks related to consciousness?. 2015 , 78, 594-605	59
1648	Structural and functional correlates of behavioral pattern separation in the hippocampus and medial temporal lobe. 2015 , 25, 524-33	48
1647	Cigarette smoking leads to persistent and dose-dependent alterations of brain activity and connectivity in anterior insula and anterior cingulate. 2015 , 20, 1033-41	13
1646	Resting-state Functional Magnetic Resonance Imaging Correlates of Sevoflurane-induced Unconsciousness. 2015 , 123, 346-56	69
1645	Brain regions with abnormal network properties in severe epilepsy of Lennox-Gastaut phenotype: Multivariate analysis of task-free fMRI. 2015 , 56, 1767-73	12
1644	An Eye on Brain Integrity: Acute Optic Neuritis Affects Resting State Functional Connectivity. 2015 , 56, 2541-6	18
1643	Functional Connectivity Hubs Could Serve as a Potential Biomarker in Alzheimer's Disease: A Reproducible Study. 2015 , 12, 974-83	15

1642	Global integration of the hot-state brain network of appetite predicts short term weight loss in older adult. 2015 , 7, 70	13
1641	Elevated body mass index and maintenance of cognitive function in late life: exploring underlying neural mechanisms. 2015 , 7, 155	18
1640	Common Effects of Amnesic Mild Cognitive Impairment on Resting-State Connectivity Across Four Independent Studies. 2015 , 7, 242	18
1639	A voxelwise approach to determine consensus regions-of-interest for the study of brain network plasticity. 2015 , 9, 97	12
1638	Altered Amygdala Connectivity in Individuals with Chronic Traumatic Brain Injury and Comorbid Depressive Symptoms. 2015 , 6, 231	21
1637	Hierarchical and homotopic correlations of spontaneous neural activity within the visual cortex of the sighted and blind. 2015 , 9, 25	16
1636	Synchrony between sensory and cognitive networks is associated with subclinical variation in autistic traits. 2015 , 9, 146	9
1635	Seeing the world through non rose-colored glasses: anxiety and the amygdala response to blended expressions. 2015 , 9, 152	14
1634	Functional MRI neurofeedback training on connectivity between two regions induces long-lasting changes in intrinsic functional network. 2015 , 9, 160	84
1633	Retinotopic patterns of background connectivity between V1 and fronto-parietal cortex are modulated by task demands. 2015 , 9, 338	23
1632	Altered Functional Connectivity of Fusiform Gyrus in Subjects with Amnesic Mild Cognitive Impairment: A Resting-State fMRI Study. 2015 , 9, 471	30
1631	Spontaneous functional network dynamics and associated structural substrates in the human brain. 2015 , 9, 478	44
1630	Altered Basal Ganglia Network Integration in Schizophrenia. 2015 , 9, 561	33
1629	Comprehension through explanation as the interaction of the brain's coherence and cognitive control networks. 2015 , 9, 562	12
1628	Network-Level Connectivity Dynamics of Movie Watching in 6-Year-Old Children. 2015 , 9, 631	36
1627	Detection of Motor Changes in Huntington's Disease Using Dynamic Causal Modeling. 2015 , 9, 634	5
1626	Automatic analysis (aa): efficient neuroimaging workflows and parallel processing using Matlab and XML. 2014 , 8, 90	86
1625	Impact of hematocrit on measurements of the intrinsic brain. 2014 , 8, 452	9

1624	Evaluating the reliability of different preprocessing steps to estimate graph theoretical measures in resting state fMRI data. 2015 , 9, 48	39
1623	Multiple brain networks contribute to the acquisition of bias in perceptual decision-making. 2015 , 9, 63	19
1622	Considerations for resting state functional MRI and functional connectivity studies in rodents. 2015 , 9, 269	66
1621	Influence of ROI selection on resting state functional connectivity: an individualized approach for resting state fMRI analysis. 2015 , 9, 280	41
1620	Changes in thalamic connectivity in the early and late stages of amnesic mild cognitive impairment: a resting-state functional magnetic resonance study from ADNI. 2015 , 10, e0115573	46
1619	Preschool anxiety disorders predict different patterns of amygdala-prefrontal connectivity at school-age. 2015 , 10, e0116854	18
1618	Frequency-dependent changes of local resting oscillations in sleep-deprived brain. 2015 , 10, e0120323	53
1617	Resting state BOLD functional connectivity at 3T: spin echo versus gradient echo EPI. 2015 , 10, e0120398	12
1616	Changes in brain network efficiency and working memory performance in aging. 2015 , 10, e0123950	50
1615	Frequency dependent topological patterns of resting-state brain networks. 2015 , 10, e0124681	27
1614	Reduced Functional Connectivity of Default Mode and Set-Maintenance Networks in Ornithine Transcarbamylase Deficiency. 2015 , 10, e0129595	3
1613	Modulation of Craving Related Brain Responses Using Real-Time fMRI in Patients with Alcohol Use Disorder. 2015 , 10, e0133034	59
1612	Intrinsic Functional Connectivity in Salience and Default Mode Networks and Aberrant Social Processes in Youth at Ultra-High Risk for Psychosis. 2015 , 10, e0134936	27
1611	Altered Functional Connectivity in Patients with Subcortical Vascular Cognitive Impairment--A Resting-State Functional Magnetic Resonance Imaging Study. 2015 , 10, e0138180	18
1610	The Brain Activity in Brodmann Area 17: A Potential Bio-Marker to Predict Patient Responses to Antiepileptic Drugs. 2015 , 10, e0139819	5
1609	Reproducibility and Temporal Structure in Weekly Resting-State fMRI over a Period of 3.5 Years. 2015 , 10, e0140134	75
1608	Investigating the Temporal Patterns within and between Intrinsic Connectivity Networks under Eyes-Open and Eyes-Closed Resting States: A Dynamical Functional Connectivity Study Based on Phase Synchronization. 2015 , 10, e0140300	17
1607	Sex Differences in the Default Mode Network with Regard to Autism Spectrum Traits: A Resting State fMRI Study. 2015 , 10, e0143126	24

1606	Individual Variability and Test-Retest Reliability Revealed by Ten Repeated Resting-State Brain Scans over One Month. 2015 , 10, e0144963	88
1605	Brain connectivity and prediction of relapse after cognitive-behavioral therapy in obsessive-compulsive disorder. 2015 , 6, 74	32
1604	Exploring Dynamic Brain Functional Networks Using Continuous "State-Related" Functional MRI. 2015 , 2015, 824710	9
1603	Decreased Resting-State Interhemispheric Functional Connectivity in Parkinson's Disease. 2015 , 2015, 692684	33
1602	Examination of Local Functional Homogeneity in Autism. 2015 , 2015, 174371	22
1601	Altered interhemispheric functional coordination in chronic tinnitus patients. 2015 , 2015, 345647	21
1600	Amplitude of low-frequency oscillations in Parkinson's disease: a 2-year longitudinal resting-state functional magnetic resonance imaging study. 2015 , 128, 593-601	22
1599	Neuroimaging of ADHD. 198-209	
1598	Resting-state functional connectivity of the nucleus accumbens in auditory and visual hallucinations in schizophrenia. 2015 , 41, 291-9	68
1597	Increased Cerebellar Functional Connectivity With the Default-Mode Network in Unaffected Siblings of Schizophrenia Patients at Rest. 2015 , 41, 1317-25	38
1596	Effect of motion artifacts and their correction on near-infrared spectroscopy oscillation data: a study in healthy subjects and stroke patients. 2015 , 20, 56011	11
1595	Prenatal maternal depression alters amygdala functional connectivity in 6-month-old infants. 2015 , 5, e508	158
1594	Brain amyloid-burden is associated with disruption of intrinsic functional connectivity within the medial temporal lobe in cognitively normal elderly. 2015 , 35, 3240-7	41
1593	Cognitive impairment after chemotherapy related to atypical network architecture for executive control. 2015 , 88, 360-8	26
1592	Autistic empathy toward autistic others. 2015 , 10, 145-52	16
1591	Local-to-remote cortical connectivity in early- and adulthood-onset schizophrenia. 2015 , 5, e566	37
1590	The effects of age on resting state functional connectivity of the basal ganglia from young to middle adulthood. <i>NeuroImage</i> , 2015 , 107, 311-322	7.9 37
1589	Functional connectivity underlying postural motor adaptation in people with multiple sclerosis. 2015 , 8, 281-9	21

1588	A method for reducing the effects of motion contamination in arterial spin labeling magnetic resonance imaging. 2015 , 35, 1697-702		15
1587	Age-related changes in intrinsic function of the superior temporal sulcus in autism spectrum disorders. 2015 , 10, 1413-23		33
1586	Between-network connectivity occurs in brain regions lacking layer IV input. <i>NeuroImage</i> , 2015 , 116, 50-8	7.9	13
1585	Structural-functional coupling changes in temporal lobe epilepsy. 2015 , 1616, 45-57		18
1584	The intrinsic resting state voice network in Parkinson's disease. 2015 , 36, 1951-62		26
1583	Distributed Computing and Artificial Intelligence, 12th International Conference. 2015 ,		1
1582	Accurate age classification of 6 and 12 month-old infants based on resting-state functional connectivity magnetic resonance imaging data. 2015 , 12, 123-33		40
1581	Asymmetric development of dorsal and ventral attention networks in the human brain. 2015 , 12, 165-74		87
1580	Tract-based analysis of white matter degeneration in Alzheimer's disease. 2015 , 301, 79-89		47
1579	Apolipoprotein E ϵ Modulates Cognitive Profiles, Hippocampal Volume, and Resting-State Functional Connectivity in Alzheimer's Disease. 2015 , 45, 781-95		23
1578	Graph theory reveals hyper-functionality in visual cortices of Seasonal Affective Disorder patients. 2015 , 16, 123-34		22
1577	Dissociable effects of local inhibitory and excitatory theta-burst stimulation on large-scale brain dynamics. 2015 , 113, 3375-85		46
1576	Fronto-parietal and cingulo-opercular network integrity and cognition in health and schizophrenia. 2015 , 73, 82-93		109
1575	Stress and Bronchodilator Response in Children with Asthma. 2015 , 192, 47-56		71
1574	Decoupling of structural and functional brain connectivity in older adults with white matter hyperintensities. <i>NeuroImage</i> , 2015 , 117, 222-9	7.9	42
1573	Local activity features for computer aided diagnosis of schizophrenia on resting-state fMRI. 2015 , 164, 154-161		18
1572	Interactions between the salience and default-mode networks are disrupted in cocaine addiction. 2015 , 35, 8081-90		70
1571	Increased segregation of brain networks in focal epilepsy: An fMRI graph theory finding. 2015 , 8, 536-42		62

1570	Sex differences in intrinsic brain functional connectivity underlying human shyness. 2015 , 10, 1634-43	13
1569	Disrupted thalamic resting-state functional networks in schizophrenia. 2015 , 9, 45	38
1568	Computational modeling of resting-state activity demonstrates markers of normalcy in children with prenatal or perinatal stroke. 2015 , 35, 8914-24	22
1567	Automatic identification of resting state networks: an extended version of multiple template-matching. 2015 ,	
1566	Default Mode Connectivity in Youth With Perinatally Acquired HIV. 2015 , 94, e1417	24
1565	Increased Causal Connectivity Related to Anatomical Alterations as Potential Endophenotypes for Schizophrenia. 2015 , 94, e1493	11
1564	Importance of realignment parameters in fMRI data analysis. 2015 ,	2
1563	Neuroimaging in Tourette Syndrome: Research Highlights From 2014-2015. 2015 , 2, 300-308	26
1562	The Lag Structure of Intrinsic Activity is Focally Altered in High Functioning Adults with Autism. 2017 , 27, 1083-1093	30
1561	Abnormal White Matter Blood-Oxygen-Level-Dependent Signals in Chronic Mild Traumatic Brain Injury. 2015 , 32, 1254-71	41
1560	Separable roles for attentional control sub-systems in reading tasks: a combined behavioral and fMRI study. 2015 , 25, 1198-218	18
1559	The Neonatal Connectome During Preterm Brain Development. 2015 , 25, 3000-13	235
1558	The Neural Dynamics of Fronto-Parietal Networks in Childhood Revealed using Magnetoencephalography. 2015 , 25, 3868-76	21
1557	Delay of gratification in childhood linked to cortical interactions with the nucleus accumbens. 2015 , 10, 1769-76	12
1556	Fetal Cerebral Magnetic Resonance Imaging Beyond Morphology. 2015 , 36, 465-75	16
1555	Decreased functional connectivity between ventral tegmental area and nucleus accumbens in Internet gaming disorder: evidence from resting state functional magnetic resonance imaging. 2015 , 11, 37	26
1554	An fMRI study of multimodal selective attention in schizophrenia. 2015 , 207, 420-8	19
1553	Comparing consistency of R2* and T2*-weighted BOLD analysis of resting state fetal fMRI. 2015 ,	2

1552	Frequency-Specific Alterations of Local Synchronization in Idiopathic Generalized Epilepsy. 2015 , 94, e1374	20
1551	The Structural and Functional Connectome and Prediction of Risk for Cognitive Impairment in Older Adults. 2015 , 2, 234-245	24
1550	Individual diversity of functional brain network economy. 2015 , 5, 156-65	14
1549	Retrieving the Hemodynamic Response Function in resting state fMRI: Methodology and application. 2015 , 2015, 6050-3	6
1548	Does incentive-elicited nucleus accumbens activation differ by substance of abuse? An examination with adolescents. 2015 , 16, 5-15	40
1547	The impact of data preprocessing in traumatic brain injury detection using functional magnetic resonance imaging. 2015 , 2015, 5432-5	4
1546	Neural Substrates of Auditory Emotion Recognition Deficits in Schizophrenia. 2015 , 35, 14909-21	55
1545	Repeated verum but not placebo acupuncture normalizes connectivity in brain regions dysregulated in chronic pain. 2015 , 9, 430-5	53
1544	Reduced language connectivity in pediatric epilepsy. 2015 , 56, 273-82	10
1543	Association of resting-state network dysfunction with their dynamics of inter-network interactions in depression. 2015 , 174, 527-34	32
1542	Ventromedial prefrontal cortex damage alters resting blood flow to the bed nucleus of stria terminalis. 2015 , 64, 281-8	40
1541	Spatial and temporal characteristics of error-related activity in the human brain. 2015 , 35, 253-66	48
1540	Early-course unmedicated schizophrenia patients exhibit elevated prefrontal connectivity associated with longitudinal change. 2015 , 35, 267-86	119
1539	Resting-state anticorrelations between medial and lateral prefrontal cortex: association with working memory, aging, and individual differences. 2015 , 64, 271-80	135
1538	Functional connectivity in BOLD and CBF data: similarity and reliability of resting brain networks. <i>NeuroImage</i> , 2015 , 106, 111-22	7.9 71
1537	Resting-state connectivity and functional specialization in human medial parieto-occipital cortex. 2015 , 220, 3307-21	43
1536	Frequency of spontaneous BOLD signal shifts during infancy and correlates with cognitive performance. 2015 , 12, 40-50	28
1535	Characterizing heterogeneity in children with and without ADHD based on reward system connectivity. 2015 , 11, 155-74	87

1534	Age-related changes in the intrinsic functional connectivity of the human ventral vs. dorsal striatum from childhood to middle age. 2015 , 11, 83-95		53
1533	Resting-state functional connectivity alterations in the default network of schizophrenia patients with persistent auditory verbal hallucinations. 2015 , 161, 261-8		76
1532	Evoked itch perception is associated with changes in functional brain connectivity. 2015 , 7, 213-21		17
1531	Maintenance of youth-like processing protects against false memory in later adulthood. 2015 , 36, 933-41		26
1530	Age-related increases in long-range connectivity in fetal functional neural connectivity networks in utero. 2015 , 11, 96-104		84
1529	Unraveling the anxious mind: anxiety, worry, and frontal engagement in sustained attention versus off-task processing. 2015 , 25, 609-18		77
1528	The use of functional and effective connectivity techniques to understand the developing brain. 2015 , 12, 155-64		47
1527	Cognitive and neural correlates of the 5-repeat allele of the dopamine D4 receptor gene in a population lacking the 7-repeat allele. <i>NeuroImage</i> , 2015 , 110, 124-35	7.9	26
1526	The potential of infant fMRI research and the study of early life stress as a promising exemplar. 2015 , 12, 12-39		81
1525	Impaired consciousness is linked to changes in effective connectivity of the posterior cingulate cortex within the default mode network. <i>NeuroImage</i> , 2015 , 110, 101-9	7.9	70
1524	Neural activation during response inhibition is associated with adolescents' frequency of risky sex and substance use. 2015 , 44, 80-87		18
1523	Severe multisensory speech integration deficits in high-functioning school-aged children with Autism Spectrum Disorder (ASD) and their resolution during early adolescence. 2015 , 25, 298-312		146
1522	Apolipoprotein E ϵ 4 modulates functional brain connectome in Alzheimer's disease. 2015 , 36, 1828-46		58
1521	Identifying and Mapping Connectivity Patterns of Brain Network Hubs in Alzheimer's Disease. 2015 , 25, 3723-42		184
1520	Resting-state frontostriatal functional connectivity in Parkinson's disease-related apathy. 2015 , 30, 671-9		72
1519	Predicting learning plateau of working memory from whole-brain intrinsic network connectivity patterns. 2015 , 5, 7622		37
1518	Disrupted Intrinsic Networks Link Amyloid- β Pathology and Impaired Cognition in Prodromal Alzheimer's Disease. 2015 , 25, 4678-88		66
1517	Dopaminergic modulation of motor network dynamics in Parkinson's disease. 2015 , 138, 664-78		80

1516	Resting-state connectivity predictors of response to psychotherapy in major depressive disorder. 2015 , 40, 1659-73		92
1515	The idiosyncratic brain: distortion of spontaneous connectivity patterns in autism spectrum disorder. 2015 , 18, 302-9		262
1514	Anterior and posterior MTL networks in aging and MCI. 2015 , 36 Suppl 1, S141-50, S150.e1		37
1513	fMRI functional connectivity applied to adolescent neurodevelopment. 2015 , 11, 361-77		71
1512	One dataset, many conclusions: BOLD variability's complicated relationships with age and motion artifacts. 2015 , 9, 115-27		10
1511	Is functional integration of resting state brain networks an unspecific biomarker for working memory performance?. <i>NeuroImage</i> , 2015 , 108, 182-93	7.9	40
1510	Recent progress and outstanding issues in motion correction in resting state fMRI. <i>NeuroImage</i> , 2015 , 105, 536-51	7.9	652
1509	Brain Graph Topology Changes Associated with Anti-Epileptic Drug Use. 2015 , 5, 284-91		43
1508	Functional resting-state connectivity of the human motor network: differences between right- and left-handers. <i>NeuroImage</i> , 2015 , 109, 298-306	7.9	49
1507	Multimodal brain imaging in autism spectrum disorder and the promise of twin research. 2015 , 19, 527-41		17
1506	Physiologic artifacts in resting state oscillations in young children: methodological considerations for noisy data. 2015 , 9, 104-14		18
1505	Development of modularity in the neural activity of children's brains. 2015 , 12, 016009		16
1504	Beyond BOLD: optimizing functional imaging in stroke populations. 2015 , 36, 1620-36		44
1503	Functional connectivity during rested wakefulness predicts vulnerability to sleep deprivation. <i>NeuroImage</i> , 2015 , 111, 147-58	7.9	157
1502	Breakdown of the brain's functional network modularity with awareness. 2015 , 112, 3799-804		89
1501	Measuring vascular reactivity with breath-holds after stroke: a method to aid interpretation of group-level BOLD signal changes in longitudinal fMRI studies. 2015 , 36, 1755-71		45
1500	Nodal approach reveals differential impact of lateralized focal epilepsies on hub reorganization. <i>NeuroImage</i> , 2015 , 118, 39-48	7.9	26
1499	Increased Functional Connectivity Between Subcortical and Cortical Resting-State Networks in Autism Spectrum Disorder. 2015 , 72, 767-77		185

1498	Variation in functional connectivity along anterior-to-posterior intraparietal sulcus, and relationship with age across late childhood and adolescence. 2015 , 13, 32-42		18
1497	A hyper-connected but less efficient small-world network in the substance-dependent brain. 2015 , 152, 102-8		32
1496	Functional brain network changes associated with clinical and biochemical measures of the severity of hepatic encephalopathy. <i>NeuroImage</i> , 2015 , 122, 332-44	7.9	27
1495	Inscapes: A movie paradigm to improve compliance in functional magnetic resonance imaging. <i>NeuroImage</i> , 2015 , 122, 222-32	7.9	163
1494	Functional disconnection of the right anterior insula in obstructive sleep apnea. 2015 , 16, 1062-70		34
1493	Ongoing dynamics in large-scale functional connectivity predict perception. 2015 , 112, 8463-8		152
1492	Brain network adaptability across task states. 2015 , 11, e1004029		88
1491	Individual Differences in Temporal Summation of Pain Reflect Pronociceptive and Antinociceptive Brain Structure and Function. 2015 , 35, 9689-700		46
1490	An integrative model of the maturation of cognitive control. 2015 , 38, 151-70		227
1489	Population Receptive Field Estimation Reveals New Retinotopic Maps in Human Subcortex. 2015 , 35, 9836-47		33
1488	Resting-State and Task-Based Functional Brain Connectivity in Developmental Dyslexia. 2015 , 25, 3502-14		99
1487	Abnormal structural connectivity in the brain networks of children with hydrocephalus. 2015 , 8, 483-92		13
1486	Intrinsic Amygdala Functional Connectivity in Youth With Bipolar I Disorder. 2015 , 54, 763-70		44
1485	Dynamic coherence analysis of resting fMRI data to jointly capture state-based phase, frequency, and time-domain information. <i>NeuroImage</i> , 2015 , 120, 133-42	7.9	109
1484	Distinct inter-hemispheric dysconnectivity in schizophrenia patients with and without auditory verbal hallucinations. 2015 , 5, 11218		41
1483	Randomization and resilience of brain functional networks as systems-level endophenotypes of schizophrenia. 2015 , 112, 9123-8		89
1482	CSF proteins and resting-state functional connectivity in Parkinson disease. 2015 , 84, 2413-21		40
1481	Sensitivity of PPI analysis to differences in noise reduction strategies. 2015 , 253, 218-32		8

1480	Predicting Methylphenidate Response in ADHD Using Machine Learning Approaches. 2015 , 18, pyv052		41
1479	Inter-individual variability in cortical excitability and motor network connectivity following multiple blocks of rTMS. <i>NeuroImage</i> , 2015 , 118, 209-18	7.9	96
1478	Functional disconnection between the visual cortex and the sensorimotor cortex suggests a potential mechanism for self-disorder in schizophrenia. 2015 , 166, 151-7		59
1477	Functional Connectivity Density in Congenitally and Late Blind Subjects. 2015 , 25, 2507-16		68
1476	Normative development of ventral striatal resting state connectivity in humans. <i>NeuroImage</i> , 2015 , 118, 422-37	7.9	49
1475	Real-Time Strategy Video Game Experience and Visual Perceptual Learning. 2015 , 35, 10485-92		31
1474	The frequency dimension of fMRI dynamic connectivity: Network connectivity, functional hubs and integration in the resting brain. <i>NeuroImage</i> , 2015 , 121, 227-42	7.9	76
1473	Cooperative and Competitive Spreading Dynamics on the Human Connectome. 2015 , 86, 1518-29		197
1472	Rethinking segregation and integration: contributions of whole-brain modelling. 2015 , 16, 430-9		291
1471	Ketamine-Induced Modulation of the Thalamo-Cortical Network in Healthy Volunteers As a Model for Schizophrenia. 2015 , 18,		62
1470	Novelty seeking is related to individual risk preference and brain activation associated with risk prediction during decision making. 2015 , 5, 10534		17
1469	Adolescent impatience decreases with increased frontostriatal connectivity. 2015 , 112, E3765-74		167
1468	Resting-state striato-frontal functional connectivity is sensitive to DAT1 genotype and predicts executive function. 2015 , 25, 336-45		50
1467	Methodological Issues in fMRI Functional Connectivity and Network Analysis. 2015 , 697-704		1
1466	Thalamocortical Sensorimotor Circuit Damage Associated with Disorders of Consciousness for Diffuse Axonal Injury Patients. 2015 , 356, 168-74		21
1465	Altered regional activity and inter-regional functional connectivity in psychogenic non-epileptic seizures. 2015 , 5, 11635		43
1464	Using Edge Voxel Information to Improve Motion Regression for rs-fMRI Connectivity Studies. 2015 , 5, 582-95		21
1463	Functional Connectivity-Based Parcellation of the Thalamus: An Unsupervised Clustering Method and Its Validity Investigation. 2015 , 5, 620-30		23

1462	Characterizing Resting-State Brain Function Using Arterial Spin Labeling. 2015 , 5, 527-42		49
1461	Right anterior insula connectivity is important for cue-induced craving in nicotine-dependent smokers. 2015 , 20, 407-14		45
1460	Denial in methamphetamine users: Associations with cognition and functional connectivity in brain. 2015 , 151, 84-91		35
1459	Altered amygdala connectivity in urban youth exposed to trauma. 2015 , 10, 1460-8		75
1458	Tracking the Brain's Functional Coupling Dynamics over Development. 2015 , 35, 6849-59		144
1457	Decreased insular connectivity in drug-naive major depressive disorder at rest. 2015 , 179, 31-7		53
1456	Altered resting-state functional connectivity in cortical networks in psychopathy. 2015 , 35, 6068-78		67
1455	Functional connectivity homogeneity correlates with duration of temporal lobe epilepsy. 2015 , 46, 227-33		23
1454	ICA-AROMA: A robust ICA-based strategy for removing motion artifacts from fMRI data. <i>NeuroImage</i> , 2015 , 112, 267-277	7.9	724
1453	Evaluation of ICA-AROMA and alternative strategies for motion artifact removal in resting state fMRI. <i>NeuroImage</i> , 2015 , 112, 278-287	7.9	289
1452	Contributions of Feature Binding During Encoding and Functional Connectivity of the Medial Temporal Lobe Structures to Episodic Memory Deficits Across the Prodromal and First-Episode Phases of Schizophrenia. 2015 , 3, 159-174		19
1451	Is fMRI "noise" really noise? Resting state nuisance regressors remove variance with network structure. <i>NeuroImage</i> , 2015 , 114, 158-69	7.9	109
1450	Neuroimaging in autism spectrum disorder: brain structure and function across the lifespan. 2015 , 14, 1121-34		237
1449	Typical and atypical neurodevelopment for face specialization: an FMRI study. 2015 , 45, 1725-41		10
1448	Robust resting state fMRI processing for studies on typical brain development based on multi-echo EPI acquisition. 2015 , 9, 56-73		36
1447	Ventral anterior cingulate connectivity distinguished nonpsychotic bipolar illness from psychotic bipolar disorder and schizophrenia. 2015 , 41, 133-43		63
1446	Comparing interventions and exploring neural mechanisms of exercise in Parkinson disease: a study protocol for a randomized controlled trial. 2015 , 15, 9		23
1445	Connectomics and new approaches for analyzing human brain functional connectivity. 2015 , 4, 13		42

1444	Developmental sex differences in resting state functional connectivity of amygdala sub-regions. <i>NeuroImage</i> , 2015 , 115, 235-44	7.9	65
1443	Prenatal drug exposure to illicit drugs alters working memory-related brain activity and underlying network properties in adolescence. 2015 , 48, 69-77		15
1442	Optimization of rs-fMRI Pre-processing for Enhanced Signal-Noise Separation, Test-Retest Reliability, and Group Discrimination. <i>NeuroImage</i> , 2015 , 117, 67-79	7.9	118
1441	Oxytocin affects the connectivity of the precuneus and the amygdala: a randomized, double-blinded, placebo-controlled neuroimaging trial. 2014 , 18,		24
1440	Dissociable cortico-striatal connectivity abnormalities in major depression in response to monetary gains and penalties. 2015 , 45, 121-31		43
1439	The neurobiological drive for overeating implicated in Prader-Willi syndrome. 2015 , 1620, 72-80		41
1438	Computer aided diagnosis of schizophrenia on resting state fMRI data by ensembles of ELM. 2015 , 68, 23-33		43
1437	Dissociated large-scale functional connectivity networks of the precuneus in medication-naïve first-episode depression. 2015 , 232, 250-6		51
1436	The Role of Neuroimaging in Amyotrophic Lateral Sclerosis. 2015 , 787-797		
1435	The patterns of fractional amplitude of low-frequency fluctuations in depression patients: the dissociation between temporal regions and fronto-parietal regions. 2015 , 175, 441-5		27
1434	Steady-state BOLD response modulates low frequency neural oscillations. 2014 , 4, 7376		22
1433	Increased interhemispheric functional connectivity in college students with non-clinical depressive symptoms in resting state. 2015 , 589, 67-72		8
1432	Resting-State Functional Connectivity of the Sensorimotor Network in Individuals with Nonspecific Low Back Pain and the Association with the Sit-to-Stand-to-Sit Task. 2015 , 5, 303-11		40
1431	Presurgical Resting-State fMRI. 2015 , 143-158		
1430	Altered temporal features of intrinsic connectivity networks in boys with combined type of attention deficit hyperactivity disorder. 2015 , 84, 947-54		12
1429	Decreased interhemispheric functional connectivity in subtypes of Parkinson's disease. 2015 , 262, 760-7		29
1428	Hearing voices in the resting brain: A review of intrinsic functional connectivity research on auditory verbal hallucinations. 2015 , 55, 78-87		89
1427	Diagnostic classification of intrinsic functional connectivity highlights somatosensory, default mode, and visual regions in autism. 2015 , 8, 238-45		105

1426	Identifying Corticothalamic Network Epicenters in Patients with Idiopathic Generalized Epilepsy. 2015 , 36, 1494-500		30
1425	Decreased regional activity and network homogeneity of the fronto-limbic network at rest in drug-naive major depressive disorder. 2015 , 49, 550-6		30
1424	Disintegration of Sensorimotor Brain Networks in Schizophrenia. 2015 , 41, 1326-35		99
1423	Incision and stress regulation in borderline personality disorder: neurobiological mechanisms of self-injurious behaviour. 2015 , 207, 165-72		81
1422	Beyond Functional Localization. 2015 , 472-502		3
1421	Simultaneous multi-slice Turbo-FLASH imaging with CAIPIRINHA for whole brain distortion-free pseudo-continuous arterial spin labeling at 3 and 7 T. <i>NeuroImage</i> , 2015 , 113, 279-88	7.9	42
1420	Effects of HIV and combination antiretroviral therapy on cortico-striatal functional connectivity. 2015 , 29, 703-12		55
1419	Occipital cortex of blind individuals is functionally coupled with executive control areas of frontal cortex. 2015 , 27, 1633-47		19
1418	Link between hippocampus' raised local and eased global intrinsic connectivity in AD. 2015 , 11, 475-84		59
1417	Increased cerebellar-default-mode-network connectivity in drug-naive major depressive disorder at rest. 2015 , 94, e560		43
1416	Increased interhemispheric resting-state functional connectivity in paroxysmal kinesigenic dyskinesia: a resting-state fMRI study. 2015 , 351, 93-98		17
1415	Feedback-driven trial-by-trial learning in autism spectrum disorders. 2015 , 172, 173-81		28
1414	Effects of chronic and acute stimulants on brain functional connectivity hubs. 2015 , 1628, 147-56		41
1413	Investigation of Multiple Frequency Ranges Using Discrete Wavelet Decomposition of Resting-State Functional Connectivity in Mild Traumatic Brain Injury Patients. 2015 , 5, 442-50		16
1412	Prenatal drug exposure affects neonatal brain functional connectivity. 2015 , 35, 5860-9		53
1411	Idiosyncratic brain activation patterns are associated with poor social comprehension in autism. 2015 , 35, 5837-50		90
1410	Identifying Neuroimaging Markers of Motor Disability in Acute Stroke by Machine Learning Techniques. 2015 , 25, 3046-56		79
1409	Increased connectivity between sensorimotor and attentional areas in Parkinson's disease. 2015 , 57, 957-68		23

1408	Changes in functional connectivity related to direct training and generalization effects of a word finding treatment in chronic aphasia. 2015 , 150, 103-16		34
1407	Resting-state connectivity of the amygdala predicts response to cognitive behavioral therapy in obsessive compulsive disorder. 2015 , 111, 100-9		45
1406	Cerebro-cerebellar Resting-State Functional Connectivity in Children and Adolescents with Autism Spectrum Disorder. 2015 , 78, 625-34		102
1405	A specific hypoactivation of right temporo-parietal junction/posterior superior temporal sulcus in response to socially awkward situations in autism. 2015 , 10, 1348-56		54
1404	Impact of the resolution of brain parcels on connectome-wide association studies in fMRI. <i>NeuroImage</i> , 2015 , 123, 212-28	7.9	31
1403	Abnormal degree centrality of functional hubs associated with negative coping in older Chinese adults who lost their only child. 2015 , 112, 46-55		20
1402	Intrinsic brain indices of verbal working memory capacity in children and adolescents. 2015 , 15, 67-82		28
1401	Typical and Atypical Development of Functional Connectivity in the Face Network. 2015 , 35, 14624-35		37
1400	Multimodal neuroimaging computing: the workflows, methods, and platforms. 2015 , 2, 181-195		14
1399	Effects of mindfulness based stress reduction therapy on subjective bother and neural connectivity in chronic tinnitus. 2015 , 152, 919-26		48
1398	Annual research review: Growth connectomics--the organization and reorganization of brain networks during normal and abnormal development. 2015 , 56, 299-320		130
1397	Machine Learning in Medical Imaging. 2015 ,		4
1396	Increased short-range and long-range functional connectivity in first-episode, medication-naive schizophrenia at rest. 2015 , 166, 144-50		41
1395	Altered functional connectivity of the cingulate subregions in schizophrenia. 2015 , 5, e575		30
1394	Effect of HAART on Brain Organization and Function in HIV-Negative Subjects. 2015 , 10, 517-21		12
1393	Individual Variability of the System-Level Organization of the Human Brain. 2017 , 27, 386-399		117
1392	Handedness- and brain size-related efficiency differences in small-world brain networks: a resting-state functional magnetic resonance imaging study. 2015 , 5, 259-65		8
1391	Functional connectivity change across multiple cortical networks relates to episodic memory changes in aging. 2015 , 36, 3255-3268		38

1390	Learning-related representational changes reveal dissociable integration and separation signatures in the hippocampus and prefrontal cortex. 2015 , 6, 8151		180
1389	Degree centrality and fractional amplitude of low-frequency oscillations associated with Stroop interference. <i>NeuroImage</i> , 2015 , 119, 197-209	7.9	48
1388	Inter-individual differences in the experience of negative emotion predict variations in functional brain architecture. <i>NeuroImage</i> , 2015 , 123, 80-8	7.9	12
1387	Steady-state BOLD Response to Higher-order Cognition Modulates Low-Frequency Neural Oscillations. 2015 , 27, 2406-15		21
1386	A neural substrate for behavioral inhibition in the risk for major depressive disorder. 2015 , 54, 841-8		14
1385	Multimodal connectivity of motor learning-related dorsal premotor cortex. <i>NeuroImage</i> , 2015 , 123, 114-28		26
1384	Functional Connectivity in Multiple Cortical Networks Is Associated with Performance Across Cognitive Domains in Older Adults. 2015 , 5, 505-16		55
1383	How Visual Is the Visual Cortex? Comparing Connectional and Functional Fingerprints between Congenitally Blind and Sighted Individuals. 2015 , 35, 12545-59		43
1382	The executive control network and symptomatic improvement in attention-deficit/hyperactivity disorder. 2015 , 73, 62-72		59
1381	Estimation of dynamic functional connectivity using Multiplication of Temporal Derivatives. <i>NeuroImage</i> , 2015 , 122, 399-407	7.9	104
1380	Schizophrenia symptoms and brain network efficiency: A resting-state fMRI study. 2015 , 234, 208-18		28
1379	Atypical Learning in Autism Spectrum Disorders: A Functional Magnetic Resonance Imaging Study of Transitive Inference. 2015 , 54, 947-55		18
1378	Transient brain activity disentangles fMRI resting-state dynamics in terms of spatially and temporally overlapping networks. 2015 , 6, 7751		193
1377	Mapping the functional connectivity of the substantia nigra, red nucleus and dentate nucleus: A network analysis hypothesis associated with the extrapyramidal system. 2015 , 606, 36-41		13
1376	Intrinsic Functional Connectivity Patterns Predict Consciousness Level and Recovery Outcome in Acquired Brain Injury. 2015 , 35, 12932-46		81
1375	Functional activation during the Stroop is associated with recent alcohol but not marijuana use among high-risk youth. 2015 , 234, 130-6		8
1374	The attentive brain: insights from developmental cognitive neuroscience. 2015 , 16, 606-19		200
1373	Partial covariance based functional connectivity computation using Ledoit-Wolf covariance regularization. <i>NeuroImage</i> , 2015 , 121, 29-38	7.9	29

1372	Subclinical depression severity is associated with distinct patterns of functional connectivity for subregions of anterior cingulate cortex. 2015 , 71, 103-11	40
1371	Development of common neural representations for distinct numerical problems. 2015 , 75, 481-95	14
1370	The modular and integrative functional architecture of the human brain. 2015 , 112, E6798-807	286
1369	Neural Correlates of Animacy Attribution Include Neocerebellum in Healthy Adults. 2015 , 25, 4240-7	32
1368	Static and Dynamic Intrinsic Connectivity following Mild Traumatic Brain Injury. 2015 , 32, 1046-55	42
1367	Increased functional connectivity strength of right inferior temporal gyrus in first-episode, drug-naive somatization disorder. 2015 , 49, 74-81	46
1366	Changes of gray matter volume and amplitude of low-frequency oscillations in amnesic MCI: An integrative multi-modal MRI study. 2015 , 56, 614-21	29
1365	Disrupted small world topology and modular organisation of functional networks in late-life depression with and without amnesic mild cognitive impairment. 2015 , 86, 1097-105	36
1364	Dysregulation between emotion and theory of mind networks in borderline personality disorder. 2015 , 231, 25-32	33
1363	Akinetic-rigid and tremor-dominant Parkinson's disease patients show different patterns of intrinsic brain activity. 2015 , 21, 23-30	60
1362	Head motion during MRI acquisition reduces gray matter volume and thickness estimates. <i>NeuroImage</i> , 2015 , 107, 107-115	7.9 291
1361	Frequency-dependent alterations in the amplitude of low-frequency fluctuations in social anxiety disorder. 2015 , 174, 329-35	45
1360	Mapping the relationship between subgenual cingulate cortex functional connectivity and depressive symptoms across adolescence. 2015 , 10, 961-8	21
1359	Inter-hemispheric language functional reorganization in low-grade glioma patients after tumour surgery. 2015 , 64, 235-48	22
1358	The smarter, the stronger: intelligence level correlates with brain resilience to systematic insults. 2015 , 64, 293-309	60
1357	Neural signatures of autism spectrum disorders: insights into brain network dynamics. 2015 , 40, 171-89	77
1356	The effects of antidepressant treatment on resting-state functional brain networks in patients with major depressive disorder. 2015 , 36, 768-78	116
1355	Computer-automated focus lateralization of temporal lobe epilepsy using fMRI. 2015 , 41, 1689-94	27

1354	Resting state functional connectivity changes induced by prior brain state are not network specific. <i>NeuroImage</i> , 2015 , 106, 428-40	7.9	19
1353	Brain network activity in monolingual and bilingual older adults. 2015 , 66, 170-81		109
1352	Dopaminergic basis for impairments in functional connectivity across subdivisions of the striatum in Parkinson's disease. 2015 , 36, 1278-91		54
1351	Gray matter abnormalities in pediatric mild traumatic brain injury. 2015 , 32, 723-30		41
1350	Consistent anterior-posterior segregation of the insula during the first 2 years of life. 2015 , 25, 1176-87		60
1349	Ventromedial prefrontal cortex is critical for the regulation of amygdala activity in humans. 2015 , 77, 276-284		236
1348	Functional Network Development During the First Year: Relative Sequence and Socioeconomic Correlations. 2015 , 25, 2919-28		181
1347	Functional Characterization of the Cingulo-Opercular Network in the Maintenance of Tonic Alertness. 2015 , 25, 2763-73		189
1346	Reading Without Speech Sounds: VWFA and its Connectivity in the Congenitally Deaf. 2015 , 25, 2416-26		22
1345	Differentially disrupted functional connectivity of the subregions of the inferior parietal lobule in Alzheimer's disease. 2015 , 220, 745-62		47
1344	A Brain-Wide Study of Age-Related Changes in Functional Connectivity. 2015 , 25, 1987-99		388
1343	Impacts of PICALM and CLU variants associated with Alzheimer's disease on the functional connectivity of the hippocampus in healthy young adults. 2015 , 220, 1463-75		27
1342	Associations between interhemispheric functional connectivity and the Automated Neuropsychological Assessment Metrics (ANAM) in civilian mild TBI. 2015 , 9, 190-203		32
1341	Development of human brain cortical network architecture during infancy. 2015 , 220, 1173-86		173
1340	Linked Sex Differences in Cognition and Functional Connectivity in Youth. 2015 , 25, 2383-94		209
1339	Visual hallucinations are associated with hyperconnectivity between the amygdala and visual cortex in people with a diagnosis of schizophrenia. 2015 , 41, 223-32		88
1338	Toward neurobiological characterization of functional homogeneity in the human cortex: regional variation, morphological association and functional covariance network organization. 2015 , 220, 2485-507		92
1337	Effect of MAOA Genotype on Resting-State Networks in Healthy Participants. 2015 , 25, 1771-81		23

1336	Abnormal causal connectivity by structural deficits in first-episode, drug-naïve schizophrenia at rest. 2015 , 41, 57-65	60
1335	Characterization of post-traumatic stress disorder using resting-state fMRI with a multi-level parametric classification approach. 2015 , 28, 221-37	81
1334	Dysconnectivity within the default mode in first-episode schizophrenia: a stochastic dynamic causal modeling study with functional magnetic resonance imaging. 2015 , 41, 144-53	68
1333	How can studies of resting-state functional connectivity help us understand psychosis as a disorder of brain development?. 2015 , 30, 85-91	49
1332	Functional Connectivity Density and Balance in Young Patients with Traumatic Axonal Injury. 2015 , 5, 423-32	20
1331	Dynamic connectivity at rest predicts attention task performance. 2015 , 5, 45-59	58
1330	Physiology of functional and effective networks in epilepsy. 2015 , 126, 227-36	71
1329	Parsing the intrinsic networks underlying attention: a resting state study. 2015 , 278, 315-22	21
1328	Reconciling abnormalities of brain network structure and function in schizophrenia. 2015 , 30, 44-50	111
1327	Altered hypothalamic functional connectivity in cluster headache: a longitudinal resting-state functional MRI study. 2015 , 86, 437-45	42
1326	Weighted brain networks in disease: centrality and entropy in human immunodeficiency virus and aging. 2015 , 36, 401-12	36
1325	Cognitive impairment and resting-state network connectivity in Parkinson's disease. 2015 , 36, 199-212	197
1324	Age differences in the default network at rest and the relation to self-referential processing. 2015 , 10, 231-9	9
1323	Spatial and temporal functional connectivity changes between resting and attentive states. 2015 , 36, 549-65	40
1322	The NeuroIMAGE study: a prospective phenotypic, cognitive, genetic and MRI study in children with attention-deficit/hyperactivity disorder. Design and descriptives. 2015 , 24, 265-81	102
1321	Modeling distinct imaging hemodynamics early after TBI: the relationship between signal amplitude and connectivity. 2015 , 9, 285-301	5
1320	Connectomics and neuroticism: an altered functional network organization. 2015 , 40, 296-304	50
1319	Decreased centrality of subcortical regions during the transition to adolescence: a functional connectivity study. <i>NeuroImage</i> , 2015 , 104, 44-51	7.9 34

1318	Multivariate classification of social anxiety disorder using whole brain functional connectivity. 2015 , 220, 101-15	232
1317	Resting-State Network Complexity and Magnitude Are Reduced in Prematurely Born Infants. 2016 , 26, 322-333	104
1316	Increased Local Spontaneous Neural Activity in the Left Precuneus Specific to Auditory Verbal Hallucinations of Schizophrenia. 2016 , 129, 809-13	7
1315	Cortico-Cortical Connections of Primary Sensory Areas and Associated Symptoms in Migraine. 2016 , 3,	28
1314	Identification of segregated regions in the functional brain connectome of autistic patients by a combination of fuzzy spectral clustering and entropy analysis. 2016 , 41, 124-32	9
1313	Altered homotopic connectivity in postherpetic neuralgia: a resting state fMRI study. 2016 , 9, 877-886	21
1312	Altered intra- and interregional synchronization in relapsing-remitting multiple sclerosis: a resting-state fMRI study. 2016 , 12, 853-62	15
1311	Development of the Brain's Functional Network Architecture. 2016 , 399-406	0
1310	Noise Reduction in Arterial Spin Labeling Based Functional Connectivity Using Nuisance Variables. 2016 , 10, 371	5
1309	A hierarchy of timescales explains distinct effects of local inhibition of primary visual cortex and frontal eye fields. 2016 , 5,	65
1308	Aberrant Resting-State Functional Connectivity Density in Patients with Hepatitis B Virus-Related Cirrhosis. 2016 , 2016, 4168512	3
1307	Head Motion and Correction Methods in Resting-state Functional MRI. 2016 , 15, 178-86	35
1306	Abnormal Resting-State Functional Connectivity Strength in Mild Cognitive Impairment and Its Conversion to Alzheimer's Disease. 2016 , 2016, 4680972	45
1305	The Lateralization of Intrinsic Networks in the Aging Brain Implicates the Effects of Cognitive Training. 2016 , 8, 32	23
1304	Effects of Cognitive Training on Resting-State Functional Connectivity of Default Mode, Salience, and Central Executive Networks. 2016 , 8, 70	75
1303	Different Alterations of Cerebral Regional Homogeneity in Early-Onset and Late-Onset Parkinson's Disease. 2016 , 8, 165	15
1302	Distinct Aging Effects on Functional Networks in Good and Poor Cognitive Performers. 2016 , 8, 215	12
1301	Strength of Structural and Functional Frontostriatal Connectivity Predicts Self-Control in the Healthy Elderly. 2016 , 8, 307	10

1300	Multivariate Analyses Applied to Healthy Neurodevelopment in Fetal, Neonatal, and Pediatric MRI. 2015 , 9, 163	5
1299	Globus Pallidus Interna in Tourette Syndrome: Decreased Local Activity and Disrupted Functional Connectivity. 2016 , 10, 93	14
1298	Changed Hub and Corresponding Functional Connectivity of Subgenual Anterior Cingulate Cortex in Major Depressive Disorder. 2016 , 10, 120	56
1297	Decreased Intra- and Inter-Saliency Network Functional Connectivity is Related to Trait Anxiety in Adolescents. 2015 , 9, 350	24
1296	Contrasting Evolutionary Patterns of Functional Connectivity in Sensorimotor and Cognitive Regions after Stroke. 2016 , 10, 72	12
1295	Reduced Functional Connectivity within the Mesocorticolimbic System in Substance Use Disorders: An fMRI Study of Puerto Rican Young Adults. 2016 , 10, 102	3
1294	Sevoflurane Alters Spatiotemporal Functional Connectivity Motifs That Link Resting-State Networks during Wakefulness. 2016 , 10, 107	16
1293	Functional Connectivity Is Altered in Concussed Adolescent Athletes Despite Medical Clearance to Return to Play: A Preliminary Report. 2016 , 7, 116	29
1292	Progressively Disrupted Intrinsic Functional Connectivity of Basolateral Amygdala in Very Early Alzheimer's Disease. 2016 , 7, 132	10
1291	Immediate and Longitudinal Alterations of Functional Networks after Thalamotomy in Essential Tremor. 2016 , 7, 184	18
1290	Amplitude of Low-Frequency Fluctuations in Multiple-Frequency Bands in Acute Mild Traumatic Brain Injury. 2016 , 10, 27	18
1289	Dismissing Attachment Characteristics Dynamically Modulate Brain Networks Subserving Social Aversion. 2016 , 10, 77	12
1288	Intrinsic Brain Connectivity in Chronic Pain: A Resting-State fMRI Study in Patients with Rheumatoid Arthritis. 2016 , 10, 107	51
1287	Alterations of Functional and Structural Networks in Schizophrenia Patients with Auditory Verbal Hallucinations. 2016 , 10, 114	20
1286	The Effects of Methylphenidate on Resting-State Functional Connectivity of the Basal Nucleus of Meynert, Locus Coeruleus, and Ventral Tegmental Area in Healthy Adults. 2016 , 10, 149	32
1285	Influences of Head Motion Regression on High-Frequency Oscillation Amplitudes of Resting-State fMRI Signals. 2016 , 10, 243	9
1284	Lateral-Medial Dissociation in Orbitofrontal Cortex-Hypothalamus Connectivity. 2016 , 10, 244	27
1283	Graph-Theoretical Study of Functional Changes Associated with the Iowa Gambling Task. 2016 , 10, 314	6

1282	Scene-Selectivity and Retinotopy in Medial Parietal Cortex. 2016 , 10, 412	44
1281	Sustained Effects of Acupuncture Stimulation Investigated with Centrality Mapping Analysis. 2016 , 10, 510	15
1280	Aberrant Functional Connectivity between the Amygdala and the Temporal Pole in Drug-Free Generalized Anxiety Disorder. 2016 , 10, 549	28
1279	Interplay between Heightened Temporal Variability of Spontaneous Brain Activity and Task-Evoked Hyperactivation in the Blind. 2016 , 10, 632	6
1278	An Evolutionary Computation Approach to Examine Functional Brain Plasticity. 2016 , 10, 146	9
1277	Signal Fluctuation Sensitivity: An Improved Metric for Optimizing Detection of Resting-State fMRI Networks. 2016 , 10, 180	15
1276	Cerebellar Functional Parcellation Using Sparse Dictionary Learning Clustering. 2016 , 10, 188	12
1275	Effects of Body Mass Index and Body Fat Percent on Default Mode, Executive Control, and Salience Network Structure and Function. 2016 , 10, 234	32
1274	Resting State Functional Connectivity MRI among Spectral MEG Current Sources in Children on the Autism Spectrum. 2016 , 10, 258	6
1273	Can Mouse Imaging Studies Bring Order to Autism Connectivity Chaos?. 2016 , 10, 484	19
1272	A Hitchhiker's Guide to Functional Magnetic Resonance Imaging. 2016 , 10, 515	77
1271	Evaluating the Influence of Spatial Resampling for Motion Correction in Resting-State Functional MRI. 2016 , 10, 591	5
1270	Functional Connectivity Hubs and Networks in the Awake Marmoset Brain. 2016 , 10, 9	18
1269	Spontaneous Neural Dynamics and Multi-scale Network Organization. 2016 , 10, 7	43
1268	Individual Differences in Dynamic Functional Brain Connectivity across the Human Lifespan. 2016 , 12, e1005178	31
1267	Spatial Disassociation of Disrupted Functional Connectivity for the Default Mode Network in Patients with End-Stage Renal Disease. 2016 , 11, e0161392	9
1266	Altered Vision-Related Resting-State Activity in Pituitary Adenoma Patients with Visual Damage. 2016 , 11, e0160119	11
1265	Characterization of autism spectrum disorder with spontaneous hemodynamic activity. 2016 , 7, 3871-3881	26

1264	ACC Neuro-over-Connectivity Is Associated with Mathematically Modeled Additional Encoding Operations of Schizophrenia Stroop-Task Performance. 2016 , 7, 1295	10
1263	Promises, Pitfalls, and Basic Guidelines for Applying Machine Learning Classifiers to Psychiatric Imaging Data, with Autism as an Example. 2016 , 7, 177	61
1262	Objective sleep disturbances are associated with greater waking resting-state connectivity between the retrosplenial cortex/ hippocampus and various nodes of the default mode network. 2016 , 41, 295-303	50
1261	Disrupted Intrinsic Local Synchronization in Poststroke Aphasia. 2016 , 95, e3101	16
1260	Aberrant topologies and reconfiguration pattern of functional brain network in children with second language reading impairment. 2016 , 19, 657-72	9
1259	Effects of acute tryptophan depletion on central processing of CT-targeted and discriminatory touch in humans. 2016 , 44, 2072-83	13
1258	COMT Val158Met polymorphism influences the susceptibility to framing in decision-making: OFC-amygdala functional connectivity as a mediator. 2016 , 37, 1880-92	17
1257	Functional connectivity of brain regions for self- and other-evaluation in children, adolescents and adults with autism. 2016 , 19, 564-80	31
1256	Individual and sex-related differences in pain and relief responsiveness are associated with differences in resting-state functional networks in healthy volunteers. 2016 , 43, 486-93	8
1255	Abnormal cognitive network interactions in Lennox-Gastaut syndrome: A potential mechanism of epileptic encephalopathy. 2016 , 57, 812-22	16
1254	Epileptic networks are strongly connected with and without the effects of interictal discharges. 2016 , 57, 1086-96	25
1253	ALTERED DEFAULT MODE NETWORK (DMN) RESTING STATE FUNCTIONAL CONNECTIVITY FOLLOWING A MINDFULNESS-BASED EXPOSURE THERAPY FOR POSTTRAUMATIC STRESS DISORDER (PTSD) IN COMBAT VETERANS OF AFGHANISTAN AND IRAQ. 2016 , 33, 289-99	114
1252	Resting-state functional connectivity of the striatum in early-stage Parkinson's disease: Cognitive decline and motor symptomatology. 2016 , 37, 648-62	46
1251	Functional integration of the posterior superior temporal sulcus correlates with facial expression recognition. 2016 , 37, 1930-40	22
1250	Interaction of COMT rs4680 and BDNF rs6265 polymorphisms on functional connectivity density of the left frontal eye field in healthy young adults. 2016 , 37, 2468-78	9
1249	A surface-based technique for mapping homotopic interhemispheric connectivity: Development, characterization, and clinical application. 2016 , 37, 2849-68	10
1248	Signal or noise: brain network interactions underlying the experience and training of mindfulness. 2016 , 1369, 240-56	26
1247	Multimodal study of default-mode network integrity in disorders of consciousness. 2016 , 79, 841-853	41

1246	Deficient visuospatial working memory functions and neural correlates of the default-mode network in adolescents with autism spectrum disorder. 2016 , 9, 1058-1072	24
1245	Abnormal functional architecture of amygdala-centered networks in adolescent posttraumatic stress disorder. 2016 , 37, 1120-35	35
1244	Dynamic functional network connectivity reveals unique and overlapping profiles of insula subdivisions. 2016 , 37, 1770-87	103
1243	STRUCTURAL AND FUNCTIONAL CONNECTIVITY IN POSTTRAUMATIC STRESS DISORDER: ASSOCIATIONS WITH FKBP5. 2016 , 33, 300-7	47
1242	Subtle in-scanner motion biases automated measurement of brain anatomy from in vivo MRI. 2016 , 37, 2385-97	104
1241	Abnormal reward circuitry in anorexia nervosa: A longitudinal, multimodal MRI study. 2016 , 37, 3835-3846	57
1240	Thalamocortical functional connectivity and behavioral disruptions in neonates with prenatal cocaine exposure. 2016 , 56, 16-25	28
1239	The development of brain network architecture. 2016 , 37, 717-29	41
1238	Presurgical brain mapping of the language network in patients with brain tumors using resting-state fMRI: Comparison with task fMRI. 2016 , 37, 913-23	71
1237	Major depressive disorder: Findings of reduced homotopic connectivity and investigation of underlying structural mechanisms. 2016 , 37, 1209-17	33
1236	Reduced global functional connectivity of the medial prefrontal cortex in major depressive disorder. 2016 , 37, 3214-23	87
1235	Central olfactory processing in patients with disorders of consciousness. 2016 , 23, 605-12	11
1234	Aberrant local striatal functional connectivity in attention-deficit/hyperactivity disorder. 2016 , 57, 697-705	14
1233	Alteration of functional connectivity in autism spectrum disorder: effect of age and anatomical distance. 2016 , 6, 26527	36
1232	Chronic Effects of Blast-Related TBI on Subcortical Functional Connectivity in Veterans. 2016 , 22, 631-42	9
1231	Change in brain network topology as a function of treatment response in schizophrenia: a longitudinal resting-state fMRI study using graph theory. 2016 , 2, 16014	65
1230	The Segregation and Integration of Distinct Brain Networks and Their Relationship to Cognition. 2016 , 36, 12083-12094	326
1229	Motor noise is rich signal in autism research and pharmacological treatments. 2016 , 6, 37422	42

1228	Altered corticostriatal functional connectivity in individuals with high social anhedonia. 2016 , 46, 125-35	46
1227	Causal connectivity alterations of cortical-subcortical circuit anchored on reduced hemodynamic response brain regions in first-episode drug-naïve major depressive disorder. 2016 , 6, 21861	20
1226	Distinct disruptions of resting-state functional brain networks in familial and sporadic schizophrenia. 2016 , 6, 23577	18
1225	Randomness in resting state functional connectivity matrices. 2016 , 2016, 5563-5566	3
1224	Novel method for functional brain imaging in awake minimally restrained rats. 2016 , 116, 61-80	38
1223	Changes of Cerebral Perfusion and Functional Brain Network Organization in Patients with Mild Cognitive Impairment. 2016 , 54, 397-409	12
1222	Structure as cause and representation: Implications of descriptivist inference for structural modeling across multiple levels of analysis. 2016 , 125, 1146-1157	5
1221	Longitudinal Study of Impaired Intra- and Inter-Network Brain Connectivity in Subjects at High Risk for Alzheimer's Disease. 2016 , 52, 913-27	35
1220	Failed cooperative, but not competitive, interaction between large-scale brain networks impairs working memory in schizophrenia. 2016 , 46, 1211-24	25
1219	The Association between Resting Functional Connectivity and Visual Creativity. 2016 , 6, 25395	17
1218	Bursty properties revealed in large-scale brain networks with a point-based method for dynamic functional connectivity. 2016 , 6, 39156	20
1217	Aberrant functional brain connectome in people with antisocial personality disorder. 2016 , 6, 26209	13
1216	Functional connectivity changes resemble patterns of pTDP-43 pathology in amyotrophic lateral sclerosis. 2016 , 6, 38391	50
1215	Distinctive Resting State Network Disruptions Among Alzheimer's Disease, Subcortical Vascular Dementia, and Mixed Dementia Patients. 2016 , 50, 709-18	31
1214	Aberrant intrinsic functional connectivity within and between corticostriatal and temporal-parietal networks in adults and youth with bipolar disorder. 2016 , 46, 1509-22	32
1213	Sex-specific neural circuits of emotion regulation in the centromedial amygdala. 2016 , 6, 23112	23
1212	Disrupted salience network functional connectivity and white-matter microstructure in persons at risk for psychosis: findings from the LYRIKS study. 2016 , 46, 2771-83	47
1211	Multivariate Neural Representations of Value during Reward Anticipation and Consummation in the Human Orbitofrontal Cortex. 2016 , 6, 29079	17

1210	Coding of Event Nodes and Narrative Context in the Hippocampus. 2016 , 36, 12412-12424	36
1209	Aberrant long-range functional connectivity density in generalized tonic-clonic seizures. 2016 , 95, e3893	10
1208	Clinical significance of increased cerebellar default-mode network connectivity in resting-state patients with drug-naive somatization disorder. 2016 , 95, e4043	14
1207	The Explorative Analysis to Revise Fear Network Model for Panic Disorder: Functional Connectome Statistics. 2016 , 95, e3597	10
1206	Degradation in intrinsic connectivity networks across the Alzheimer's disease spectrum. 2016 , 5, 35-42	11
1205	Enhanced spontaneous functional connectivity of the superior temporal gyrus in early deafness. 2016 , 6, 23239	21
1204	Total-activation regularized deconvolution of resting-state fMRI leads to reproducible networks with spatial overlap. 2016 ,	2
1203	fMRI functional connectivity of the periaqueductal gray in PTSD and its dissociative subtype. 2016 , 6, e00579	67
1202	Altered resting-state functional connectivity in emotion-processing brain regions in adults who were born very preterm. 2016 , 46, 3025-3039	24
1201	Functional Connectome before and following Temporal Lobectomy in Mesial Temporal Lobe Epilepsy. 2016 , 6, 23153	35
1200	N-methyl-D-aspartate receptor encephalitis mediates loss of intrinsic activity measured by functional MRI. 2016 , 263, 1083-91	12
1199	The Whole-Brain "Global" Signal from Resting State fMRI as a Potential Biomarker of Quantitative State Changes in Glucose Metabolism. 2016 , 6, 435-47	53
1198	Sex differences in the functional connectivity of the amygdalae in association with cortisol. <i>NeuroImage</i> , 2016 , 134, 410-423	7.9 40
1197	Connectivity-based parcellation increases network detection sensitivity in resting state fMRI: An investigation into the cingulate cortex in autism. 2016 , 11, 494-507	37
1196	Oxytocin's effect on resting-state functional connectivity varies by age and sex. 2016 , 69, 50-9	51
1195	State dependent cortico-amygdala circuit dysfunction in bipolar disorder. 2016 , 201, 79-87	54
1194	Alterations of functional and structural connectivity of freezing of gait in Parkinson's disease. 2016 , 263, 1583-92	80
1193	Functional and Structural Brain Connectivity in Psychopathology. 2016 , 1, 196-198	3

1192	Connectome hubs at resting state in children and adolescents: Reproducibility and psychopathological correlation. 2016 , 20, 2-11		6
1191	Aberrant neural signatures of decision-making: Pathological gamblers display cortico-striatal hypersensitivity to extreme gambles. <i>NeuroImage</i> , 2016 , 128, 342-352	7.9	23
1190	Dissociated functional connectivity profiles for motor and attention deficits in acute right-hemisphere stroke. 2016 , 139, 2024-38		54
1189	Global signal modulation of single-trial fMRI response variability: Effect on positive vs negative BOLD response relationship. <i>NeuroImage</i> , 2016 , 133, 62-74	7.9	16
1188	Early life stress predicts thalamic hyperconnectivity: A transdiagnostic study of global connectivity. 2016 , 79, 93-100		26
1187	The Functional Overlap of Executive Control and Language Processing in Bilinguals. 2016 , 19, 471-488		49
1186	Disrupted Intrinsic Connectivity among Default, Dorsal Attention, and Frontoparietal Control Networks in Individuals with Chronic Traumatic Brain Injury. 2016 , 22, 263-79		51
1185	Whole-brain analytic measures of network communication reveal increased structure-function correlation in right temporal lobe epilepsy. 2016 , 11, 707-718		34
1184	Imaging the "At-Risk" Brain: Future Directions. 2016 , 22, 164-79		13
1183	Brain aerobic glycolysis and motor adaptation learning. 2016 , 113, E3782-91		45
1182	SPARK: Sparsity-based analysis of reliable k-hubness and overlapping network structure in brain functional connectivity. <i>NeuroImage</i> , 2016 , 134, 434-449	7.9	6
1181	Early Development of Functional Network Segregation Revealed by Connectomic Analysis of the Preterm Human Brain. 2017 , 27, 1949-1963		75
1180	Sensitivity of the resting-state haemodynamic response function estimation to autonomic nervous system fluctuations. 2016 , 374,		18
1179	Resting state connectivity and cognitive performance in adults with cerebral autosomal-dominant arteriopathy with subcortical infarcts and leukoencephalopathy. 2016 , 36, 981-91		10
1178	Functional Connectivity Between the Temporoparietal Cortex and Cerebellum in Autism Spectrum Disorder. 2017 , 27, 2617-2627		37
1177	Dynamic Connectivity between Brain Networks Supports Working Memory: Relationships to Dopamine Release and Schizophrenia. 2016 , 36, 4377-88		26
1176	DPABI: Data Processing & Analysis for (Resting-State) Brain Imaging. 2016 , 14, 339-51		1336
1175	FIACH: A biophysical model for automatic retrospective noise control in fMRI. <i>NeuroImage</i> , 2016 , 124, 1009-1020	7.9	40

1174	Network-Level Structure-Function Relationships in Human Neocortex. 2016 , 26, 3285-96		164
1173	Developmental trajectories of cerebral blood flow and oxidative metabolism at baseline and during working memory tasks. <i>NeuroImage</i> , 2016 , 134, 587-596	7.9	10
1172	Disrupted Working Memory Circuitry in Schizophrenia: Disentangling fMRI Markers of Core Pathology vs Other Aspects of Impaired Performance. 2016 , 41, 2411-20		29
1171	Advanced Connectivity Analysis (ACA): a Large Scale Functional Connectivity Data Mining Environment. 2016 , 14, 191-9		5
1170	Salience Network Connectivity in Autism Is Related to Brain and Behavioral Markers of Sensory Overresponsivity. 2016 , 55, 618-626.e1		68
1169	Dopamine-Related Disruption of Functional Topography of Striatal Connections in Unmedicated Patients With Schizophrenia. 2016 , 73, 862-70		35
1168	Abnormal resting-state functional connectivity of the left caudate nucleus in obsessive-compulsive disorder. 2016 , 623, 57-62		29
1167	Motion and morphometry in clinical and nonclinical populations. <i>NeuroImage</i> , 2016 , 135, 177-85	7.9	86
1166	Task-related functional connectivity of the caudate mediates the association between trait mindfulness and implicit learning in older adults. 2016 , 16, 736-53		2
1165	Altered Functional Subnetwork During Emotional Face Processing: A Potential Intermediate Phenotype for Schizophrenia. 2016 , 73, 598-605		38
1164	Ventromedial Prefrontal Cortex Damage Is Associated with Decreased Ventral Striatum Volume and Response to Reward. 2016 , 36, 5047-54		42
1163	N1 Magnitude of Auditory Evoked Potentials and Spontaneous Functional Connectivity Between Bilateral Heschl's Gyrus Are Coupled at Interindividual Level. 2016 , 6, 496-504		2
1162	Reconfiguration of brain network architecture to support executive control in aging. 2016 , 44, 42-52		43
1161	Overlapping communities reveal rich structure in large-scale brain networks during rest and task conditions. <i>NeuroImage</i> , 2016 , 135, 92-106	7.9	56
1160	Building a Science of Individual Differences from fMRI. 2016 , 20, 425-443		375
1159	Meta-connectomics: human brain network and connectivity meta-analyses. 2016 , 46, 897-907		29
1158	On the Stability of BOLD fMRI Correlations. 2017 , 27, 4719-4732		274
1157	Dissociable changes in functional network topology underlie early category learning and development of automaticity. <i>NeuroImage</i> , 2016 , 141, 220-241	7.9	8

1156	Graph coarse-graining reveals differences in the module-level structure of functional brain networks. 2016 , 44, 2673-2684		8
1155	Boosting Norepinephrine Transmission Triggers Flexible Reconfiguration of Brain Networks at Rest. 2017 , 27, 4691-4700		23
1154	Intrinsic Functional Connectivity in Preterm Infants with Fetal Growth Restriction Evaluated at 12 Months Corrected Age. 2017 , 27, 4750-4758		14
1153	References. 2016 , 433-472		
1152	Hemispheric Lateralization of Resting-State Functional Connectivity of the Anterior Insula: Association with Age, Gender, and a Novelty-Seeking Trait. 2016 , 6, 724-734		43
1151	Noise contributions to the fMRI signal: An overview. <i>NeuroImage</i> , 2016 , 143, 141-151	7.9	115
1150	Connectivity-based change point detection for large-size functional networks. <i>NeuroImage</i> , 2016 , 143, 353-363	7.9	21
1149	Relation between functional connectivity and rhythm discrimination in children who do and do not stutter. 2016 , 12, 442-50		29
1148	Resting-State Functional Connectivity of the Basal Nucleus of Meynert in Cigarette Smokers: Dependence Level and Gender Differences. 2017 , 19, 452-459		12
1147	Functional resting-state fMRI connectivity correlates with serum levels of the S100B protein in the acute phase of traumatic brain injury. 2016 , 12, 1004-1012		37
1146	Selective functional connectivity abnormality of the transition zone of the inferior parietal lobule in schizophrenia. 2016 , 11, 789-795		8
1145	Event-Related Functional Network Identification: Application to EEG Classification. 2016 , 10, 1284-1294		15
1144	Dissociable Changes of Frontal and Parietal Cortices in Inherent Functional Flexibility across the Human Life Span. 2016 , 36, 10060-74		24
1143	Relative differences in resting-state brain connectivity associated with long term intensive lifestyle intervention. 2016 , 74, 231-239		6
1142	Assessing Variations in Areal Organization for the Intrinsic Brain: From Fingerprints to Reliability. 2016 , 26, 4192-4211		60
1141	Functional abnormalities of the right posterior insula are related to the altered self-experience in schizophrenia. 2016 , 256, 26-32		24
1140	Human amygdala engagement moderated by early life stress exposure is a biobehavioral target for predicting recovery on antidepressants. 2016 , 113, 11955-11960		37
1139	Regional expression of the MAPT gene is associated with loss of hubs in brain networks and cognitive impairment in Parkinson disease and progressive supranuclear palsy. 2016 , 48, 153-160		60

1138	Nigral and striatal connectivity alterations in asymptomatic LRRK2 mutation carriers: A magnetic resonance imaging study. 2016 , 31, 1820-1828	37
1137	Religious and spiritual importance moderate relation between default mode network connectivity and familial risk for depression. 2016 , 634, 94-97	18
1136	The role of symmetry in neural networks and their Laplacian spectra. <i>NeuroImage</i> , 2016 , 141, 357-365	7.9 7
1135	Abnormal interactions of verbal- and spatial-memory networks in young people at familial high-risk for schizophrenia. 2016 , 176, 100-105	5
1134	Modality-Dependent Impact of Hallucinations on Low-Frequency Fluctuations in Schizophrenia. 2017 , 43, 389-396	26
1133	Measuring Pain for Patients Seeking Physical Therapy: Can Functional Magnetic Resonance Imaging (fMRI) Help?. 2017 , 97, 145-155	3
1132	Evaluation of motion and its effect on brain magnetic resonance image quality in children. 2016 , 46, 1728-1735	25
1131	Comorbid anxiety increases cognitive control activation in Major Depressive Disorder. 2016 , 33, 967-977	23
1130	Nodes and Edges. 2016 , 37-88	
1129	The contributions of resting state and task-based functional connectivity studies to our understanding of adolescent brain network maturation. 2016 , 70, 13-32	62
1128	Sex differences in brain and behavior in adolescence: Findings from the Philadelphia Neurodevelopmental Cohort. 2016 , 70, 159-170	120
1127	Reporting of Resting-State Functional Magnetic Resonance Imaging Preprocessing Methodologies. 2016 , 6, 663-668	15
1126	Detecting default mode networks in utero by integrated 4D fMRI reconstruction and analysis. 2016 , 37, 4158-4178	15
1125	Intrinsic network activity in tinnitus investigated using functional MRI. 2016 , 37, 2717-35	76
1124	Brain Activity and Functional Connectivity Associated with Hypnosis. 2017 , 27, 4083-4093	58
1123	Reliability and reproducibility of individual differences in functional connectivity acquired during task and resting state. 2016 , 6, e00456	85
1122	Transcranial alternating current stimulation affects the BOLD signal in a frequency and task-dependent manner. 2016 , 37, 94-121	38
1121	Functional connectivity and information flow of the respiratory neural network in chronic obstructive pulmonary disease. 2016 , 37, 2736-54	31

1120	Multimodal analysis of cortical chemoarchitecture and macroscale fMRI resting-state functional connectivity. 2016 , 37, 3103-13	27
1119	The functional connectome of cognitive reserve. 2016 , 37, 3310-22	54
1118	Multivariate pattern classification of pediatric Tourette syndrome using functional connectivity MRI. 2016 , 19, 581-98	46
1117	Local brain connectivity across development in autism spectrum disorder: A cross-sectional investigation. 2016 , 9, 43-54	69
1116	Essential tremor is associated with disruption of functional connectivity in the ventral intermediate Nucleus--Motor Cortex--Cerebellum circuit. 2016 , 37, 165-78	52
1115	Altered memory-related functional connectivity of the anterior and posterior hippocampus in older adults at increased genetic risk for Alzheimer's disease. 2016 , 37, 366-80	21
1114	Lifespan anxiety is reflected in human amygdala cortical connectivity. 2016 , 37, 1178-93	29
1113	Dissociable relations between amygdala subregional networks and psychopathy trait dimensions in conduct-disordered juvenile offenders. 2016 , 37, 4017-4033	25
1112	The Human Connectome Project's neuroimaging approach. 2016 , 19, 1175-87	482
1111	Evaluation of Denoising Strategies to Address Motion-Related Artifacts in Resting-State Functional Magnetic Resonance Imaging Data from the Human Connectome Project. 2016 , 6, 669-680	153
1110	Design Thinking Research. 2016 ,	3
1109	Developing Novel Neuroimaging Paradigm to Assess Neural Correlates of Improvisation and Creative Thinking Using fMRI. 2016 , 309-317	
1108	Attenuated anticorrelation between the default and dorsal attention networks with aging: evidence from task and rest. 2016 , 45, 149-160	122
1107	Trained to silence: Progressive signal inhibition during short visuo-motor training. <i>NeuroImage</i> , 2016 , 143, 106-115	7.9 4
1106	Ketamine-induced changes in connectivity of functional brain networks in awake female nonhuman primates: a translational functional imaging model. 2016 , 233, 3673-3684	32
1105	Network-Based Statistic Show Aberrant Functional Connectivity in Alzheimer's Disease. 2016 , 10, 1182-1188	15
1104	Temporal Evolution of Brain Functional Connectivity Metrics: Could 7 Min of Rest be Enough?. 2017 , 27, 4153-4165	30
1103	Longitudinal Evidence for Dissociation of Anterior and Posterior MTL Resting-State Connectivity in Aging: Links to Perfusion and Memory. 2016 , 26, 3953-3963	46

1102	Levodopa modulates small-world architecture of functional brain networks in Parkinson's disease. 2016 , 31, 1676-1684	51
1101	Anxious personality and functional efficiency of the insular-opercular network: A graph-analytic approach to resting-state fMRI. 2016 , 16, 1039-1049	20
1100	Convergent and divergent intranetwork and internetwork connectivity patterns in patients with remitted late-life depression and amnesic mild cognitive impairment. 2016 , 83, 194-211	33
1099	Higher Intelligence Is Associated with Less Task-Related Brain Network Reconfiguration. 2016 , 36, 8551-61	133
1098	Altered effects of perspective-taking on functional connectivity during self- and other-referential processing in adults with autism spectrum disorder. 2017 , 12, 661-672	6
1097	Sex and Age Effects of Functional Connectivity in Early Adulthood. 2016 , 6, 700-713	98
1096	Differential contributions of subregions of medial temporal lobe to memory system in amnesic mild cognitive impairment: insights from fMRI study. 2016 , 6, 26148	28
1095	Differential Effects of APOE Genotypes on the Anterior and Posterior Subnetworks of Default Mode Network in Amnesic Mild Cognitive Impairment. 2016 , 54, 1409-1423	13
1094	Altered resting-state neural activity and changes following a craving behavioral intervention for Internet gaming disorder. 2016 , 6, 28109	32
1093	APOE and KIBRA Interactions on Brain Functional Connectivity in Healthy Young Adults. 2017 , 27, 4797-4805	7
1092	Sleep duration and resting fMRI functional connectivity: examination of short sleepers with and without perceived daytime dysfunction. 2016 , 6, e00576	20
1091	Grit Is Associated with Structure of Nucleus Accumbens and Gains in Cognitive Training. 2016 , 28, 1688-1699	16
1090	Functional magnetic resonance imaging of the cervical spinal cord during thermal stimulation across consecutive runs. <i>NeuroImage</i> , 2016 , 143, 267-279	7.9 13
1089	Mind-wandering as spontaneous thought: a dynamic framework. 2016 , 17, 718-731	543
1088	A developmental neuroscience perspective on affect-biased attention. 2016 , 21, 26-41	89
1087	Dysfunction of sensory oscillations in Autism Spectrum Disorder. 2016 , 68, 848-861	59
1086	Brain-Wide Analysis of Functional Connectivity in First-Episode and Chronic Stages of Schizophrenia. 2017 , 43, 436-448	103
1085	The Feasibility of Using Metacognitive Strategy Training to Improve Cognitive Performance and Neural Connectivity in Women with Chemotherapy-Induced Cognitive Impairment. 2016 , 91, 143-52	14

1084	Frequency of Maternal Touch Predicts Resting Activity and Connectivity of the Developing Social Brain. 2016 , 26, 3544-52	81
1083	Resting-state networks in 6-to-10 year old children. 2016 , 37, 4286-4300	37
1082	A neural window on the emergence of cognition. 2016 , 1369, 7-23	6
1081	Genetic and degenerative disorders primarily causing dementia. 2016 , 135, 525-564	3
1080	Edgewise and subgraph-level tests for brain networks. 2016 , 35, 4994-5008	1
1079	Resting-State Functional MRI: A Novel Tool for Understanding Brain Networks in Neuropsychiatric Disorders. 2016 , 247-262	
1078	Moral competence and brain connectivity: A resting-state fMRI study. <i>NeuroImage</i> , 2016 , 141, 408-415	7.9 12
1077	Visual-motor functional connectivity in preschool children emerges after handwriting experience. 2016 , 5, 107-120	30
1076	Unexpected role of interferon- β in regulating neuronal connectivity and social behaviour. 2016 , 535, 425-9	320
1075	Altered functional connectivity of the default mode network in Williams syndrome: a multimodal approach. 2016 , 19, 686-95	9
1074	A theoretical rut: revisiting and critically evaluating the generalized under/over-connectivity hypothesis of autism. 2016 , 19, 524-49	68
1073	Examining Functional Resting-State Connectivity in Psychosis and Its Subgroups in the Bipolar-Schizophrenia Network on Intermediate Phenotypes Cohort. 2016 , 1, 488-497	17
1072	Network Structure among Brain Systems in Adult ADHD is Uniquely Modified by Stimulant Administration. 2017 , 27, 3970-3979	10
1071	Strong genetic overlap between executive functions and intelligence. 2016 , 145, 1141-59	53
1070	Intrinsic Brain Hub Connectivity Underlies Individual Differences in Spatial Working Memory. 2017 , 27, 5496-5508	30
1069	Disruptions in neural connectivity associated with reduced susceptibility to a depth inversion illusion in youth at ultra high risk for psychosis. 2016 , 12, 681-690	9
1068	Asynchronous Development of Cerebellar, Cerebello-Cortical, and Cortico-Cortical Functional Networks in Infancy, Childhood, and Adulthood. 2017 , 27, 5170-5184	12
1067	Shared Genetic Factors Influence Head Motion During MRI and Body Mass Index. 2017 , 27, 5539-5546	48

1066	Intranasal Oxytocin Enhances Connectivity in the Neural Circuitry Supporting Social Motivation and Social Perception in Children with Autism. 2016 , 6, 35054		55
1065	Altered Intrinsic Regional Activity and Interregional Functional Connectivity in Post-stroke Aphasia. 2016 , 6, 24803		28
1064	Functional properties of resting state networks in healthy full-term newborns. 2015 , 5, 17755		29
1063	Changes of intranetwork and internetwork functional connectivity in Alzheimer's disease and mild cognitive impairment. 2016 , 13, 046008		31
1062	Cognitive and Perceptual Impairments in Parkinson's Disease Arising from Dysfunction of the Cortex and Basal Ganglia. 2016 , 189-216		
1061	On Stabilizing the Variance of Dynamic Functional Brain Connectivity Time Series. 2016 , 6, 735-746		22
1060	Capturing heterogeneous group differences using mixture-of-experts: Application to a study of aging. <i>NeuroImage</i> , 2016 , 125, 498-514	7.9	14
1059	Brain white matter plasticity and functional reorganization underlying the central pathogenesis of trigeminal neuralgia. 2016 , 6, 36030		23
1058	Decreased amygdala functional connectivity in adolescents with autism: A resting-state fMRI study. 2016 , 257, 47-56		24
1057	Alterations in amygdala-prefrontal circuits in infants exposed to prenatal maternal depression. 2016 , 6, e935		91
1056	Longitudinal Study of the Emerging Functional Connectivity Asymmetry of Primary Language Regions during Infancy. 2016 , 36, 10883-10892		61
1055	Differential effects of L-tryptophan and L-leucine administration on brain resting state functional networks and plasma hormone levels. 2016 , 6, 35727		4
1054	Asynchrony in executive networks predicts cognitive slowing in multiple sclerosis. 2016 , 30, 75-86		8
1053	Opportunities and challenges for current developmental neuroscience. 2016 , 26, 620-631		1
1052	A small number of abnormal brain connections predicts adult autism spectrum disorder. 2016 , 7, 11254		176
1051	Identifying Relationships in Functional and Structural Connectome Data Using a Hypergraph Learning Method. 2016 , 9901, 9-17		3
1050	Extraversion and neuroticism related to the resting-state effective connectivity of amygdala. 2016 , 6, 35484		30
1049	Dynamic reconfiguration of the default mode network during narrative comprehension. 2016 , 7, 12141		276

1048	Aberrant Insular Functional Network Integrity in Patients with Obstructive Sleep Apnea. 2016 , 39, 989-1000	32
1047	Altered functional organization within the insular cortex in adult males with high-functioning autism spectrum disorder: evidence from connectivity-based parcellation. 2016 , 7, 41	29
1046	Quetiapine Extended Release Open-Label Treatment Associated Changes in Amygdala Activation and Connectivity in Anxious Depression: An fMRI Study. 2016 , 36, 562-571	9
1045	Abnormal functional connectivity density in patients with ischemic white matter lesions: An observational study. 2016 , 95, e4625	9
1044	Alternation of regional homogeneity in trigeminal neuralgia after percutaneous radiofrequency thermocoagulation: A resting state fMRI study. 2016 , 95, e5193	5
1043	Reorganization of functionally connected brain subnetworks in high-functioning autism. 2016 , 37, 1066-79	67
1042	Preprocessing strategy influences graph-based exploration of altered functional networks in major depression. 2016 , 37, 1422-42	19
1041	Age-related changes in amygdala-frontal connectivity during emotional face processing from childhood into young adulthood. 2016 , 37, 1684-95	82
1040	Test-retest reliability of the default mode network in a multi-centric fMRI study of healthy elderly: Effects of data-driven physiological noise correction techniques. 2016 , 37, 2114-32	27
1039	Association of Drinking Problems and Duration of Alcohol Use to Inhibitory Control in Nondependent Young Adult Social Drinkers. 2016 , 40, 319-28	16
1038	Parietal hyper-connectivity, aberrant brain organization, and circuit-based biomarkers in children with mathematical disabilities. 2016 , 19, 613-31	41
1037	Resting state connectivity patterns with near-infrared spectroscopy data of the whole head. 2016 , 7, 2524-37	21
1036	Amplitude of low frequency fluctuations during resting state predicts social well-being. 2016 , 118, 161-168	17
1035	Resting-state fMRI evidence for early episodic memory consolidation: effects of age. 2016 , 45, 197-211	19
1034	Age differences in the neural correlates of distraction regulation: A network interaction approach. <i>NeuroImage</i> , 2016 , 139, 231-239	7.9 18
1033	Large-scale functional network reorganization in 22q11.2 deletion syndrome revealed by modularity analysis. 2016 , 82, 86-99	13
1032	The brain structure and spontaneous activity baseline of the behavioral bias in trait anxiety. 2016 , 312, 355-61	15
1031	Negative functional coupling between the right fronto-parietal and limbic resting state networks predicts increased self-control and later substance use onset in adolescence. 2016 , 20, 35-42	18

1030	Considerations for MRI study design and implementation in pediatric and clinical populations. 2016 , 18, 101-112		79
1029	It's a matter of time: Reframing the development of cognitive control as a modification of the brain's temporal dynamics. 2016 , 18, 70-77		33
1028	An exploration of task based fMRI in neonates using echo-shifting to allow acquisition at longer TE without loss of temporal efficiency. <i>NeuroImage</i> , 2016 , 127, 298-306	7.9	4
1027	Automatic EEG-assisted retrospective motion correction for fMRI (aE-REMCOR). <i>NeuroImage</i> , 2016 , 129, 133-147	7.9	21
1026	Functional Evidence for a Cerebellar Node of the Dorsal Attention Network. 2016 , 36, 6083-96		83
1025	Intrinsic connectivity networks from childhood to late adolescence: Effects of age and sex. 2016 , 17, 35-44		58
1024	The typical development of posterior medial frontal cortex function and connectivity during task control demands in youth 8-19years old. <i>NeuroImage</i> , 2016 , 137, 97-106	7.9	11
1023	Detection of functional brain network reconfiguration during task-driven cognitive states. <i>NeuroImage</i> , 2016 , 142, 198-210	7.9	106
1022	Implications of newborn amygdala connectivity for fear and cognitive development at 6-months-of-age. 2016 , 18, 12-25		70
1021	Alterations in regional homogeneity of resting-state brain activity in patients with major depressive disorder screening positive on the 32-item hypomania checklist (HCL-32). 2016 , 203, 69-76		13
1020	Methods for acquiring MRI data in children with autism spectrum disorder and intellectual impairment without the use of sedation. 2016 , 8, 20		60
1019	Altered functional connectivity of the amygdaloid input nuclei in adolescents and young adults with autism spectrum disorder: a resting state fMRI study. 2016 , 7, 13		41
1018	Spontaneous pupil dilations during the resting state are associated with activation of the salience network. <i>NeuroImage</i> , 2016 , 139, 189-201	7.9	57
1017	Auditory Hallucinations and the Brain's Resting-State Networks: Findings and Methodological Observations. 2016 , 42, 1110-23		81
1016	ALTERED TOPOGRAPHY OF INTRINSIC FUNCTIONAL CONNECTIVITY IN CHILDHOOD RISK FOR SOCIAL ANXIETY. 2016 , 33, 995-1004		22
1015	Intensity-based masking: A tool to improve functional connectivity results of resting-state fMRI. 2016 , 37, 2407-18		18
1014	Size matters to function: Brain volume correlates with intrinsic brain activity across healthy individuals. <i>NeuroImage</i> , 2016 , 139, 271-278	7.9	20
1013	Frequency of Spontaneous BOLD Signal Differences between Moderate and Late Preterm Newborns and Term Newborns. 2016 , 30, 539-51		6

1012	Alterations in conflict monitoring are related to functional connectivity in Parkinson's disease. 2016 , 82, 277-286	5
1011	Brain functional network connectivity development in very preterm infants: The first six months. 2016 , 98, 29-35	25
1010	Atypical developmental of dorsal and ventral attention networks in autism. 2016 , 19, 550-63	45
1009	Structural and functional connectivity mapping of the vestibular circuitry from human brainstem to cortex. 2016 , 221, 1291-308	101
1008	Unmasking Language Lateralization in Human Brain Intrinsic Activity. 2016 , 26, 1733-46	35
1007	Functional Imaging of the Developing Brain at the Bedside Using Diffuse Optical Tomography. 2016 , 26, 1558-68	60
1006	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. 2016 , 26, 288-303	697
1005	Interactions of genetic variants reveal inverse modulation patterns of dopamine system on brain gray matter volume and resting-state functional connectivity in healthy young adults. 2016 , 221, 3891-3901	12
1004	Network community structure alterations in adult schizophrenia: identification and localization of alterations. 2016 , 10, 96-106	32
1003	Cascading network failure across the Alzheimer's disease spectrum. 2016 , 139, 547-62	265
1002	The Hierarchical Structure of the Face Network Revealed by Its Functional Connectivity Pattern. 2016 , 36, 890-900	45
1001	Intrinsic Visual-Motor Synchrony Correlates With Social Deficits in Autism. 2016 , 79, 633-41	90
1000	Protracted Development of the Proprioceptive Brain Network During and Beyond Adolescence. 2017 , 27, 1285-1296	14
999	Altered functional connectivity density in high myopia. 2016 , 303, 85-92	22
998	Abnormal functional connectivity density in first-episode, drug-naive adult patients with major depressive disorder. 2016 , 194, 153-8	35
997	Abnormalities in large scale functional networks in unmedicated patients with schizophrenia and effects of risperidone. 2016 , 10, 146-58	72
996	Decreased interhemispheric functional connectivity in insula and angular gyrus/supramarginal gyrus: Significant findings in first-episode, drug-naive somatization disorder. 2016 , 248, 48-54	27
995	Exploring the physiological correlates of chronic mild traumatic brain injury symptoms. 2016 , 11, 10-19	19

994	Decreased functional connectivity density in pain-related brain regions of female migraine patients without aura. 2016 , 1632, 73-81		25
993	Longitudinal changes in resting-state fMRI from age 5 to age 6years covary with language development. <i>NeuroImage</i> , 2016 , 128, 116-124	7.9	34
992	Laterality effects in functional connectivity of the angular gyrus during rest and episodic retrieval. 2016 , 80, 24-34		25
991	The Default Mode Network Connectivity Predicts Cognitive Recovery in Severe Acquired Brain Injured Patients: A Longitudinal Study. 2016 , 33, 1247-62		14
990	Development of Tool Representations in the Dorsal and Ventral Visual Object Processing Pathways. 2016 , 26, 3135-45		11
989	Abnormal functional connectivity of brain network hubs associated with symptom severity in treatment-naive patients with obsessive-compulsive disorder: A resting-state functional MRI study. 2016 , 66, 104-111		43
988	Deep sleep divides the cortex into opposite modes of anatomical-functional coupling. 2016 , 221, 4221-4234		33
987	A Neural Correlate of Strategic Exploration at the Onset of Adolescence. 2016 , 28, 199-209		9
986	Modulation effect of the SORL1 gene on functional connectivity density in healthy young adults. 2016 , 221, 4103-4110		1
985	Prospective motion correction with volumetric navigators (vNavs) reduces the bias and variance in brain morphometry induced by subject motion. <i>NeuroImage</i> , 2016 , 127, 11-22	7.9	75
984	Disrupted topological organization in the whole-brain functional network of trauma-exposed firefighters: A preliminary study. 2016 , 250, 15-23		12
983	Maturation of Sensori-Motor Functional Responses in the Preterm Brain. 2016 , 26, 402-413		52
982	Underconnected, But Not Broken? Dynamic Functional Connectivity MRI Shows Underconnectivity in Autism Is Linked to Increased Intra-Individual Variability Across Time. 2016 , 6, 403-14		72
981	Assessment of trait anxiety and prediction of changes in state anxiety using functional brain imaging: A test-retest study. <i>NeuroImage</i> , 2016 , 133, 408-416	7.9	34
980	Transdiagnostic commonalities and differences in resting state functional connectivity of the default mode network in schizophrenia and major depression. 2016 , 10, 326-35		54
979	Disrupted functional brain network organization in patients with obstructive sleep apnea. 2016 , 6, e00441		36
978	Association of thalamic hyperactivity with treatment-resistant depression and poor response in early treatment for major depression: a resting-state fMRI study using fractional amplitude of low-frequency fluctuations. 2016 , 6, e754		41
977	Low frequency steady-state brain responses modulate large scale functional networks in a frequency-specific means. 2016 , 37, 381-94		17

976	Interhemispheric Functional Brain Connectivity in Neonates with Prenatal Alcohol Exposure: Preliminary Findings. 2016 , 40, 113-21		21
975	Sex differences in autism: a resting-state fMRI investigation of functional brain connectivity in males and females. 2016 , 11, 1002-16		105
974	Intrinsic Functional Connectivity in Attention-Deficit/Hyperactivity Disorder: A Science in Development. 2016 , 1, 253-261		86
973	Brain parcellation choice affects disease-related topology differences increasingly from global to local network levels. 2016 , 249, 12-9		26
972	Dynamic fluctuations coincide with periods of high and low modularity in resting-state functional brain networks. <i>NeuroImage</i> , 2016 , 127, 287-297	7.9	170
971	Subgenual Cingulate-Amygdala Functional Disconnection and Vulnerability to Melancholic Depression. 2016 , 41, 2082-90		19
970	Hippocampal functional connectivity and episodic memory in early childhood. 2016 , 19, 58-69		47
969	Alpha desynchronization and fronto-parietal connectivity during spatial working memory encoding deficits in ADHD: A simultaneous EEG-fMRI study. 2016 , 11, 210-223		25
968	Differential Resting-State Functional Connectivity of Striatal Subregions in Bipolar Depression and Hypomania. 2016 , 6, 255-65		56
967	Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. 2016 , 26, 2341-2352		70
966	Atomoxetine Enhances Connectivity of Prefrontal Networks in Parkinson's Disease. 2016 , 41, 2171-7		28
965	Silent Vascular Catastrophes in the Brain in Term Newborns: Strategies for Optical Imaging. 2016 , 22, 88-101		6
964	Imbalance in Resting State Functional Connectivity is Associated with Eating Behaviors and Adiposity in Children. 2016 , 2, e00058		10
963	Altered resting-state whole-brain functional networks of neonates with intrauterine growth restriction. 2016 , 77, 119-131		17
962	Neural Mechanisms of Cognitive-Behavioral Therapy for Aggression in Children and Adolescents: Design of a Randomized Controlled Trial Within the National Institute for Mental Health Research Domain Criteria Construct of Frustrative Non-Reward. 2016 , 26, 38-48		25
961	Alterations of functional connectivities from early to middle adulthood: Clues from multivariate pattern analysis of resting-state fMRI data. <i>NeuroImage</i> , 2016 , 129, 389-400	7.9	25
960	Structural and functional brain changes in delusional disorder. 2016 , 208, 153-9		21
959	Network analysis of functional brain connectivity in borderline personality disorder using resting-state fMRI. 2016 , 11, 302-315		46

958	Explosive percolation in thresholded networks. 2016 , 451, 1-9		8
957	Structural and Maturational Covariance in Early Childhood Brain Development. 2017 , 27, 1795-1807		91
956	Aberrant Hippocampal Connectivity in Unmedicated Patients With Schizophrenia and Effects of Antipsychotic Medication: A Longitudinal Resting State Functional MRI Study. 2016 , 42, 1046-55		80
955	Brain Age: A State-Of-Mind? On the Stability of Functional Connectivity across Behavioral States. 2016 , 36, 2325-8		6
954	Preserved Self-other Distinction During Empathy in Autism is Linked to Network Integrity of Right Supramarginal Gyrus. 2016 , 46, 637-48		35
953	Canceled connections: Lesion-derived network mapping helps explain differences in performance on a complex decision-making task. 2016 , 78, 31-43		29
952	Abnormal Functional Connectivity Density in Post-traumatic Stress Disorder. 2016 , 29, 405-11		27
951	Intrinsic functional network architecture of human semantic processing: Modules and hubs. <i>NeuroImage</i> , 2016 , 132, 542-555	7.9	70
950	Causal relationship between effective connectivity within the default mode network and mind-wandering regulation and facilitation. <i>NeuroImage</i> , 2016 , 133, 21-30	7.9	46
949	The association between cerebrovascular reactivity and resting-state fMRI functional connectivity in healthy adults: The influence of basal carbon dioxide. <i>NeuroImage</i> , 2016 , 132, 301-313	7.9	31
948	Exercise-related changes in between-network connectivity in overweight/obese adults. 2016 , 158, 60-7		15
947	Midbrain functional connectivity and ventral striatal dopamine D2-type receptors: link to impulsivity in methamphetamine users. 2016 , 21, 1554-1560		35
946	Multivariate and repeated measures (MRM): A new toolbox for dependent and multimodal group-level neuroimaging data. <i>NeuroImage</i> , 2016 , 132, 373-389	7.9	31
945	The Disrupted Connectivity Hypothesis of Autism Spectrum Disorders: Time for the Next Phase in Research. 2016 , 1, 245-252		48
944	The Clinical Applicability of Functional Connectivity in Depression: Pathways Toward More Targeted Intervention. 2016 , 1, 262-270		26
943	Neuroimaging-Based Phenotyping of the Autism Spectrum. 2017 , 30, 341-355		21
942	The first step for neuroimaging data analysis: DICOM to NIFTI conversion. 2016 , 264, 47-56		279
941	Age differences in the functional interactions among the default, frontoparietal control, and dorsal attention networks. 2016 , 41, 159-172		148

940	Intrinsic functional connectivity of insular cortex and symptoms of sickness during acute experimental inflammation. 2016 , 56, 34-41		47
939	Increased Default Mode Network Connectivity in Individuals at High Familial Risk for Depression. 2016 , 41, 1759-67		56
938	Abnormal cross-network functional connectivity in chronic pain and its association with clinical symptoms. 2016 , 221, 4203-4219		119
937	Large-scale functional connectivity networks in the rodent brain. <i>NeuroImage</i> , 2016 , 127, 496-509	7.9	131
936	Abnormal striatal resting-state functional connectivity in adolescents with obsessive-compulsive disorder. 2016 , 247, 49-56		31
935	Graph-theoretical analysis of resting-state fMRI in pediatric obsessive-compulsive disorder. 2016 , 193, 175-84		33
934	Regional homogeneity alterations differentiate between tremor dominant and postural instability gait difficulty subtypes of Parkinson's disease. 2016 , 123, 219-29		22
933	Functional hierarchy underlies preferential connectivity disturbances in schizophrenia. 2016 , 113, E219-28		79
932	The effects of hemodynamic lag on functional connectivity and behavior after stroke. 2016 , 36, 2162-2176		66
931	Abnormal Brain Areas Common to the Focal Epilepsies: Multivariate Pattern Analysis of fMRI. 2016 , 6, 208-15		22
930	Time Curves: Folding Time to Visualize Patterns of Temporal Evolution in Data. 2016 , 22, 559-68		78
929	A wavelet-based estimator of the degrees of freedom in denoised fMRI time series for probabilistic testing of functional connectivity and brain graphs. <i>NeuroImage</i> , 2016 , 142, 14-26	7.9	52
928	Disrupted amplitude of low-frequency fluctuations in antipsychotic-naïve adolescents with early-onset schizophrenia. 2016 , 249, 20-6		17
927	Classification of autistic individuals and controls using cross-task characterization of fMRI activity. 2016 , 10, 78-88		36
926	Differential motor and prefrontal cerebello-cortical network development: Evidence from multimodal neuroimaging. <i>NeuroImage</i> , 2016 , 124, 591-601	7.9	37
925	Diminished neural adaptation during implicit learning in autism. <i>NeuroImage</i> , 2016 , 125, 332-341	7.9	18
924	Hippocampal-medial prefrontal circuit supports memory updating during learning and post-encoding rest. 2016 , 134 Pt A, 91-106		67
923	Decreased long- and short-range functional connectivity at rest in drug-naive major depressive disorder. 2016 , 50, 763-9		16

922	Distinct frontal and amygdala correlates of change detection for facial identity and expression. 2016 , 11, 225-33		6
921	Body position alters human resting-state: Insights from multi-postural magnetoencephalography. 2016 , 10, 772-80		17
920	Physiological fluctuations in white matter are increased in Alzheimer's disease and correlate with neuroimaging and cognitive biomarkers. 2016 , 37, 12-18		34
919	Reconstructing Large-Scale Brain Resting-State Networks from High-Resolution EEG: Spatial and Temporal Comparisons with fMRI. 2016 , 6, 122-35		47
918	Assessing intracranial vascular compliance using dynamic arterial spin labeling. <i>NeuroImage</i> , 2016 , 124, 433-441	7.9	28
917	Resting-state functional connectivity of the default mode network associated with happiness. 2016 , 11, 516-24		47
916	Resting-state functional network connectivity in prefrontal regions differs between unmedicated patients with bipolar and major depressive disorders. 2016 , 190, 483-493		82
915	Time-dependence of graph theory metrics in functional connectivity analysis. <i>NeuroImage</i> , 2016 , 125, 601-615	7.9	37
914	Altered functional interaction hub between affective network and cognitive control network in patients with major depressive disorder. 2016 , 298, 301-9		61
913	The impact of quality assurance assessment on diffusion tensor imaging outcomes in a large-scale population-based cohort. <i>NeuroImage</i> , 2016 , 125, 903-919	7.9	128
912	Neural correlates underlying micrographia in Parkinson's disease. 2016 , 139, 144-60		45
911	Structural and functional neuroplasticity in human learning of spatial routes. <i>NeuroImage</i> , 2016 , 125, 256-266	7.9	29
910	A cross-modal, cross-species comparison of connectivity measures in the primate brain. <i>NeuroImage</i> , 2016 , 125, 311-331	7.9	50
909	Fitness, but not physical activity, is related to functional integrity of brain networks associated with aging. <i>NeuroImage</i> , 2016 , 131, 113-25	7.9	110
908	Disrupted sensorimotor and social-cognitive networks underlie symptoms in childhood-onset schizophrenia. 2016 , 139, 276-91		67
907	Development of a selective left-hemispheric fronto-temporal network for processing syntactic complexity in language comprehension. 2016 , 83, 274-282		26
906	Patterns of Atypical Functional Connectivity and Behavioral Links in Autism Differ Between Default, Salience, and Executive Networks. 2016 , 26, 4034-45		115
905	Differences in the resting-state fMRI global signal amplitude between the eyes open and eyes closed states are related to changes in EEG vigilance. <i>NeuroImage</i> , 2016 , 124, 24-31	7.9	80

904	Machine-learning to characterise neonatal functional connectivity in the preterm brain. <i>NeuroImage</i> , 2016 , 124, 267-275	7.9	66
903	Structural and functional neural correlates of self-reported attachment in healthy adults: evidence for an amygdalar involvement. 2016 , 10, 941-952		9
902	Decoupled temporal variability and signal synchronization of spontaneous brain activity in loss of consciousness: An fMRI study in anesthesia. <i>NeuroImage</i> , 2016 , 124, 693-703	7.9	60
901	Resting-State Functional Connectivity of the Locus Coeruleus in Humans: In Comparison with the Ventral Tegmental Area/Substantia Nigra Pars Compacta and the Effects of Age. 2016 , 26, 3413-27		59
900	ICT Innovations 2015. 2016 ,		1
899	Evidence for Accelerated Decline of Functional Brain Network Efficiency in Schizophrenia. 2016 , 42, 753-61		29
898	Intrinsic network connectivity abnormalities in HIV-infected individuals over age 60. 2016 , 22, 80-7		24
897	Data-Driven and Predefined ROI-Based Quantification of Long-Term Resting-State fMRI Reproducibility. 2016 , 6, 136-51		11
896	Annual Research Review: Threats to the validity of child psychiatry and psychology. 2016 , 57, 398-416		23
895	Aging Effects on Whole-Brain Functional Connectivity in Adults Free of Cognitive and Psychiatric Disorders. 2016 , 26, 3851-65		111
894	Baseline Striatal Functional Connectivity as a Predictor of Response to Antipsychotic Drug Treatment. 2016 , 173, 69-77		115
893	Finding the Elusive Psychiatric "Lesion" With 21st-Century Neuroanatomy: A Note of Caution. 2016 , 173, 27-33		121
892	Cognitive Control Network Contributions to Memory-Guided Visual Attention. 2016 , 26, 2059-2073		51
891	Fronto-Parietal Network Reconfiguration Supports the Development of Reasoning Ability. 2016 , 26, 2178-90		48
890	Brain Network Reconfiguration and Perceptual Decoupling During an Absorptive State of Consciousness. 2016 , 26, 3116-24		36
889	Mapping Thalamocortical Functional Connectivity in Chronic and Early Stages of Psychotic Disorders. 2016 , 79, 1016-25		140
888	Multivariate classification of autism spectrum disorder using frequency-specific resting-state functional connectivity--A multi-center study. 2016 , 64, 1-9		100
887	High-Resolution Functional Connectivity Density: Hub Locations, Sensitivity, Specificity, Reproducibility, and Reliability. 2016 , 26, 3249-59		53

886	Deep neural network with weight sparsity control and pre-training extracts hierarchical features and enhances classification performance: Evidence from whole-brain resting-state functional connectivity patterns of schizophrenia. <i>NeuroImage</i> , 2016 , 124, 127-146	7.9	209
885	Large-Scale Functional Brain Network Reorganization During Taoist Meditation. 2016 , 6, 9-24		12
884	Is Traumatic Brain Injury Associated with Reduced Inter-Hemispheric Functional Connectivity? A Study of Large-Scale Resting State Networks following Traumatic Brain Injury. 2016 , 33, 977-89		34
883	Testing a dual-systems model of adolescent brain development using resting-state connectivity analyses. <i>NeuroImage</i> , 2016 , 124, 409-420	7.9	87
882	The alterations in regional homogeneity of parieto-cingulate and temporo-cerebellum regions of first-episode medication-naïve depression patients. 2016 , 10, 187-94		25
881	The development of the intrinsic functional connectivity of default network subsystems from age 3 to 5. 2016 , 10, 50-9		14
880	Cerebellar contributions to neurological soft signs in healthy young adults. 2016 , 266, 35-41		13
879	Altered functional brain networks in amnesic mild cognitive impairment: a resting-state fMRI study. 2017 , 11, 619-631		47
878	Altered resting state functional connectivity of anterior insula in young smokers. 2017 , 11, 155-165		55
877	Abnormal rich club organization and impaired correlation between structural and functional connectivity in migraine sufferers. 2017 , 11, 526-540		28
876	Single subject prediction of brain disorders in neuroimaging: Promises and pitfalls. <i>NeuroImage</i> , 2017 , 145, 137-165	7.9	452
875	The effect of preprocessing pipelines in subject classification and detection of abnormal resting state functional network connectivity using group ICA. <i>NeuroImage</i> , 2017 , 145, 365-376	7.9	37
874	Disrupted brain connectivity networks in acute ischemic stroke patients. 2017 , 11, 444-453		21
873	Cognitive neuroscience neuroimaging repository for the adult lifespan. <i>NeuroImage</i> , 2017 , 144, 294-298	7.9	11
872	Double-dissociation between the mechanism leading to impulsivity and inattention in Attention Deficit Hyperactivity Disorder: A resting-state functional connectivity study. 2017 , 86, 290-302		28
871	Frequency specific brain networks in Parkinson's disease and comorbid depression. 2017 , 11, 224-239		13
870	Human navigation network: the intrinsic functional organization and behavioral relevance. 2017 , 222, 749-764		14
869	Disorganized Amygdala Networks in Conduct-Disordered Juvenile Offenders With Callous-Unemotional Traits. 2017 , 82, 283-293		36

868	Abnormalities of voxel-based whole-brain functional connectivity patterns predict the progression of hepatic encephalopathy. 2017 , 11, 784-796	18
867	Coordinated brain development: exploring the synchrony between changes in grey and white matter during childhood maturation. 2017 , 11, 808-817	13
866	Non redundant functional brain connectivity in schizophrenia. 2017 , 11, 552-564	7
865	Alcohol affects brain functional connectivity and its coupling with behavior: greater effects in male heavy drinkers. 2017 , 22, 1185-1195	65
864	Multivariate pattern analysis strategies in detection of remitted major depressive disorder using resting state functional connectivity. 2017 , 16, 390-398	35
863	Inter-hemispheric Intrinsic Connectivity as a Neuromarker for the Diagnosis of Boys with Tourette Syndrome. 2017 , 54, 2781-2789	20
862	Functional connectivity associated with social networks in older adults: A resting-state fMRI study. 2017 , 12, 242-252	18
861	Brain reactivity to alcohol and cannabis marketing during sobriety and intoxication. 2017 , 22, 823-832	18
860	Striatal activation and frontostriatal connectivity during non-drug reward anticipation in alcohol dependence. 2017 , 22, 833-843	23
859	Multi-modal MRI classifiers identify excessive alcohol consumption and treatment effects in the brain. 2017 , 22, 1459-1472	12
858	A seed-based cross-modal comparison of brain connectivity measures. 2017 , 222, 1131-1151	17
857	Mapping the functional connectome traits of levels of consciousness. <i>NeuroImage</i> , 2017 , 148, 201-211 7.9	73
856	Abnormalities in the effective connectivity of visuothalamic circuitry in schizophrenia. 2017 , 47, 1300-1310	22
855	Modulation on brain gray matter activity and white matter integrity by APOE ϵ risk gene in cognitively intact elderly: A multimodal neuroimaging study. 2017 , 322, 100-109	9
854	Hemispheric lateralization of resting-state functional connectivity of the ventral striatum: an exploratory study. 2017 , 222, 2573-2583	24
853	Subgenual Anterior Cingulate-Medial Orbitofrontal Functional Connectivity in Medication-Resistant Major Depression: A Neurobiological Marker for Accelerated Intermittent Theta Burst Stimulation Treatment?. 2017 , 2, 556-565	30
852	The emergence of functional architecture during early brain development. <i>NeuroImage</i> , 2017 , 160, 2-14 7.9	71
851	Individuality manifests in the dynamic reconfiguration of large-scale brain networks during movie viewing. 2017 , 7, 414-414	18

850	Neonatal Amygdala Functional Connectivity at Rest in Healthy and Preterm Infants and Early Internalizing Symptoms. 2017 , 56, 157-166		72
849	Noise and non-neuronal contributions to the BOLD signal: applications to and insights from animal studies. <i>NeuroImage</i> , 2017 , 154, 267-281	7.9	17
848	Relationship between individual differences in functional connectivity and facial-emotion recognition abilities in adults with traumatic brain injury. 2017 , 13, 370-377		19
847	Early cortical biomarkers of longitudinal transcutaneous vagus nerve stimulation treatment success in depression. 2017 , 14, 105-111		43
846	Functional brain networks in treatment-resistant schizophrenia. 2017 , 184, 73-81		27
845	Shared atypical brain anatomy and intrinsic functional architecture in male youth with autism spectrum disorder and their unaffected brothers. 2017 , 47, 639-654		8
844	Cognitive complaints in older adults at risk for Alzheimer's disease are associated with altered resting-state networks. 2017 , 6, 40-49		36
843	Joint Attention and Brain Functional Connectivity in Infants and Toddlers. 2017 , 27, 1709-1720		63
842	Weak functional connectivity in the human fetal brain prior to preterm birth. 2017 , 7, 39286		94
841	The modular organization of human anatomical brain networks: Accounting for the cost of wiring. 2017 , 1, 42-68		91
840	Role of testosterone and Y chromosome genes for the masculinization of the human brain. 2017 , 38, 1801-1814		31
839	Individual differences in human brain development. 2017 , 8, e1389		11
838	Longitudinal multi-modal neuroimaging in opsoclonus-myoclonus syndrome. 2017 , 264, 512-519		11
837	Organization of high-level visual cortex in human infants. 2017 , 8, 13995		147
836	Cerebellar contributions to biological motion perception in autism and typical development. 2017 , 38, 1914-1932		23
835	Biomarkers, designs, and interpretations of resting-state fMRI in translational pharmacological research: A review of state-of-the-Art, challenges, and opportunities for studying brain chemistry. 2017 , 38, 2276-2325		36
834	Statistical power and prediction accuracy in multisite resting-state fMRI connectivity. <i>NeuroImage</i> , 2017 , 149, 220-232	7.9	43
833	Frequency-specific electrophysiologic correlates of resting state fMRI networks. <i>NeuroImage</i> , 2017 , 149, 446-457	7.9	73

832	Disentangling resting-state BOLD variability and PCC functional connectivity in 22q11.2 deletion syndrome. <i>NeuroImage</i> , 2017 , 149, 85-97	7.9	33
831	Oxytocin differentially alters resting state functional connectivity between amygdala subregions and emotional control networks: Inverse correlation with depressive traits. <i>NeuroImage</i> , 2017 , 149, 458-467	7.9	48
830	Subregional structural and connectivity damage in the visual cortex in neuromyelitis optica. 2017 , 7, 41914		16
829	Brain structural and functional dissociated patterns in schizophrenia. 2017 , 17, 45		16
828	Increasing the spatial resolution and sensitivity of magnetic resonance elastography by correcting for subject motion and susceptibility-induced image distortions. 2017 , 46, 134-141		25
827	Test-Retest Reproducibility of the Intrinsic Default Mode Network: Influence of Functional Magnetic Resonance Imaging Slice-Order Acquisition and Head-Motion Correction Methods. 2017 , 7, 69-83		7
826	Test-retest reliability of functional connectivity networks during naturalistic fMRI paradigms. 2017 , 38, 2226-2241		64
825	Intrinsic functional connectivity of fronto-temporal networks in adolescents with early psychosis. 2017 , 26, 669-679		7
824	Development of White Matter Microstructure and Intrinsic Functional Connectivity Between the Amygdala and Ventromedial Prefrontal Cortex: Associations With Anxiety and Depression. 2017 , 82, 511-521		146
823	Global signal regression acts as a temporal downweighting process in resting-state fMRI. <i>NeuroImage</i> , 2017 , 152, 602-618	7.9	35
822	Age-associated patterns in gray matter volume, cerebral perfusion and BOLD oscillations in children and adolescents. 2017 , 38, 2398-2407		6
821	Default mode network deactivation during emotion processing predicts early antidepressant response. 2017 , 7, e1008		40
820	Multimodal MRI profiling of focal cortical dysplasia type II. 2017 , 88, 734-742		53
819	Systemic inflammation and resting state connectivity of the default mode network. 2017 , 62, 162-170		58
818	Aberrant Temporal Connectivity in Persons at Clinical High Risk for Psychosis. 2017 , 2, 696-705		15
817	Resting-state functional connectivity in medication-naïve schizophrenia patients with and without auditory verbal hallucinations: A preliminary report. 2017 , 188, 75-81		31
816	Children's head motion during fMRI tasks is heritable and stable over time. 2017 , 25, 58-68		46
815	Frequency-selective alteration in the resting-state corticostriatal-thalamo-cortical circuit correlates with symptoms severity in first-episode drug-naive patients with schizophrenia. 2017 , 189, 175-180		10

814	Rumination and Default Mode Network Subsystems Connectivity in First-episode, Drug-Naive Young Patients with Major Depressive Disorder. 2017 , 7, 43105		70
813	Mapping visual dominance in human sleep. <i>NeuroImage</i> , 2017 , 150, 250-261	7.9	7
812	Modulation of APOE and SORL1 genes on hippocampal functional connectivity in healthy young adults. 2017 , 222, 2877-2889		12
811	Altered spontaneous brain activity in adolescent boys with pure conduct disorder revealed by regional homogeneity analysis. 2017 , 26, 827-837		15
810	Fronto-limbic disconnection in depressed patients with suicidal ideation: A resting-state functional connectivity study. 2017 , 215, 213-217		79
809	Memory and Networks: Network-Based Approaches to Understanding the Neural Basis of Human Episodic Memory. 2017 , 99-111		1
808	Optimizing fMRI preprocessing pipelines for block-design tasks as a function of age. <i>NeuroImage</i> , 2017 , 154, 240-254	7.9	16
807	Functional connectivity in resting state as a phonemic fluency ability measure. 2017 , 97, 98-103		6
806	Toddlers later diagnosed with autism exhibit multiple structural abnormalities in temporal corpus callosum fibers. 2017 , 97, 291-305		27
805	Future Directions in Imaging Neurodegeneration. 2017 , 17, 9		11
804	A functional connectivity comparison between attention deficit hyperactivity disorder and bipolar disorder in medication-naïve adolescents with mood fluctuation and attention problems. 2017 , 263, 1-7		7
803	Delayed stabilization and individualization in connectome development are related to psychiatric disorders. 2017 , 20, 513-515		122
802	Mnemonic Training Reshapes Brain Networks to Support Superior Memory. 2017 , 93, 1227-1235.e6		81
801	Age differences in the motor control of speech: An fMRI study of healthy aging. 2017 , 38, 2751-2771		18
800	Reorganization of anterior and posterior hippocampal networks associated with memory performance in mesial temporal lobe epilepsy. 2017 , 128, 830-838		15
799	Frequency-phase analysis of resting-state functional MRI. 2017 , 7, 43743		14
798	Relationship Between Changes in the Temporal Dynamics of the Blood-Oxygen-Level-Dependent Signal and Hypoperfusion in Acute Ischemic Stroke. 2017 , 48, 925-931		33
797	Social-cognitive brain function and connectivity during visual perspective-taking in autism and schizophrenia. 2017 , 183, 102-109		45

796	Longitudinal test-retest neuroimaging data from healthy young adults in southwest China. 2017 , 4, 170017		64
795	Prefrontal and parietal correlates of cognitive control related to the adult outcome of attention-deficit/hyperactivity disorder diagnosed in childhood. 2017 , 90, 1-11		20
794	Population-Level Correction of Systematic Motion Artifacts in fMRI in Patients with Ischemic Stroke. 2017 , 27, 397-408		3
793	Development of large-scale functional networks from birth to adulthood: A guide to the neuroimaging literature. <i>NeuroImage</i> , 2017 , 160, 15-31	7.9	193
792	Behavioral and neural correlates of disrupted orienting attention in posttraumatic stress disorder. 2017 , 17, 422-436		24
791	Pedunculopontine network dysfunction in Parkinson's disease with postural control and sleep disorders. 2017 , 32, 693-704		43
790	Proportional thresholding in resting-state fMRI functional connectivity networks and consequences for patient-control connectome studies: Issues and recommendations. <i>NeuroImage</i> , 2017 , 152, 437-449	7.9	256
789	Neural mechanisms of mismatch negativity dysfunction in schizophrenia. 2017 , 22, 1585-1593		57
788	Erratum: Resting-state connectivity biomarkers define neurophysiological subtypes of depression. 2017 , 23, 264		30
787	Structural and Functional Cortical Connectivity Mediating Cross Education of Motor Function. 2017 , 37, 2555-2564		30
786	Are There Multiple Kinds of Episodic Memory? An fMRI Investigation Comparing Autobiographical and Recognition Memory Tasks. 2017 , 37, 2764-2775		63
785	Regional homogeneity, resting-state functional connectivity and amplitude of low frequency fluctuation associated with creativity measured by divergent thinking in a sex-specific manner. <i>NeuroImage</i> , 2017 , 152, 258-269	7.9	33
784	Families that fire together smile together: Resting state connectome similarity and daily emotional synchrony in parent-child dyads. <i>NeuroImage</i> , 2017 , 152, 31-37	7.9	38
783	The effects of a mid-task break on the brain connectome in healthy participants: A resting-state functional MRI study. <i>NeuroImage</i> , 2017 , 152, 19-30	7.9	27
782	At risk of being risky: The relationship between "brain age" under emotional states and risk preference. 2017 , 24, 93-106		42
781	How does the body representation system develop in the human brain?. 2017 , 24, 118-128		16
780	Atypical developmental trajectory of local spontaneous brain activity in autism spectrum disorder. 2017 , 7, 39822		16
779	Emergence of a hierarchical brain during infancy reflected by stepwise functional connectivity. 2017 , 38, 2666-2682		13

778	Caudate-Precuneus Functional Connectivity Is Associated with Obesity Preventive Eating Tendency. 2017 , 7, 211-217		19
777	Multicenter stability of resting state fMRI in the detection of Alzheimer’s disease and amnestic MCI. 2017 , 14, 183-194		34
776	Abnormal functional connectivity strength in patients with adolescent-onset schizophrenia: a resting-state fMRI study. 2017 , 26, 839-845		21
775	Structural and Functional Abnormalities in Children with Attention-Deficit/Hyperactivity Disorder: A Focus on Subgenual Anterior Cingulate Cortex. 2017 , 7, 106-114		14
774	Abnormal regional spontaneous neuronal activity associated with symptom severity in treatment-naive patients with obsessive-compulsive disorder revealed by resting-state functional MRI. 2017 , 640, 99-104		23
773	Functional connectivity when detecting rare visual targets in schizophrenia. 2017 , 261, 35-43		2
772	Resting-State Network Topology Differentiates Task Signals across the Adult Life Span. 2017 , 37, 2734-2745		41
771	Estimating Brain Functional Connectivity from Common Subspace Mapping Between Structural and Functional Connectomes.		0
770	Insights from an autism imaging biomarker challenge: promises and threats to biomarker discovery.. <i>NeuroImage</i> , 2022 , 119171	7.9	1
769	Motion correction and volumetric reconstruction for fetal functional magnetic resonance imaging data.. <i>NeuroImage</i> , 2022 , 255, 119213	7.9	0
768	Table_1.docx. 2018 ,		
767	Image_1.JPEG. 2019 ,		
766	Image_2.JPEG. 2019 ,		
765	Image_3.jpg. 2019 ,		
764	Image_4.JPEG. 2019 ,		
763	Image_5.JPEG. 2019 ,		
762	Data_Sheet_1.docx. 2019 ,		
761	Data_Sheet_1.docx. 2020 ,		

760 DataSheet1.DOCX. 2018,

759 Image_1.TIF. 2018,

758 Image_2.TIF. 2018,

757 Image_3.TIF. 2018,

756 Presentation_1.PDF. 2018,

755 Table_1.DOCX. 2019,

754 Table_2.DOCX. 2019,

753 Table_3.DOCX. 2019,

752 Table_1.docx. 2018,

751 Table_2.docx. 2018,

750 Data_Sheet_1.docx. 2019,

749 Data_Sheet_2.docx. 2019,

748 Data_Sheet_3.docx. 2019,

747 Data_Sheet_4.docx. 2019,

746 Table1.pdf. 2018,

745 Table2.pdf. 2018,

744 Data_Sheet_1.docx. 2019,

743 Data_Sheet_1.DOCX. 2018,

742 Image1.PDF. **2017**,

741 Table1.docx. **2017**,

740 Data_Sheet_1.docx. **2019**,

739 Presentation1.PDF. **2018**,

738 Data_Sheet_1.doc. **2020**,

737 Presentation1.PDF. **2018**,

736 Presentation_1.PDF. **2020**,

735 Data_Sheet_1.docx. **2018**,

734 Data_Sheet_1.pdf. **2019**,

733 Image_1.TIF. **2018**,

732 Data_Sheet_1.docx. **2020**,

731 Image_2.TIF. **2018**,

730 Image_1.TIF. **2019**,

729 Image_2.TIF. **2019**,

728 Image_3.TIF. **2019**,

727 Table_1.DOCX. **2020**,

726 Image_4.TIF. **2019**,

725 Table_1.DOCX. **2019**,

724 Data_Sheet_1.PDF. **2020**,

723 Table_1.DOCX. **2019**,

722 Table_1.DOCX. **2020**,

721 Data_Sheet_1.docx. **2019**,

720 Table_3.DOCX. **2020**,

719 Image_1.pdf. **2018**,

718 Image_1.JPEG. **2020**,

717 Image_2.JPEG. **2020**,

716 Image_3.JPEG. **2020**,

715 Image_4.JPEG. **2020**,

714 Image_5.JPEG. **2020**,

713 Image_6.JPEG. **2020**,

712 Image_7.JPEG. **2020**,

711 Table_1.DOCX. **2020**,

710 Data_Sheet_1.PDF. **2020**,

709 Data_Sheet_1.PDF. **2019**,

708 Table_1.docx. **2020**,

707 Presentation_1.PDF. **2018**,

706 Data_Sheet_1.docx. **2019**,

705 Data_Sheet_1.PDF. **2020**,

704 Table_1.DOCX. **2019**,

703 Table_1.docx. **2019**,

702 Image_1.TIF. **2019**,

701 Image_2.TIF. **2019**,

700 Image_3.TIF. **2019**,

699 Data_Sheet_1.PDF. **2019**,

698 Table_1.DOCX. **2019**,

697 Image_1.tif. **2020**,

696 Image_2.tif. **2020**,

695 Data_Sheet_1.docx. **2019**,

694 Data_Sheet_1.DOCX. **2018**,

693 Data_Sheet_1.pdf. **2020**,

692 Data_Sheet_1.docx. **2019**,

691 Data_Sheet_1.PDF. **2020**,

690 Image_1.PDF. **2020**,

689 Image_2.PDF. **2020**,

688 Image_3.PDF. 2020,

687 Image_4.PDF. 2020,

686 Image_5.PDF. 2020,

685 Image_6.PDF. 2020,

684 Image_7.PDF. 2020,

683 Image_8.PDF. 2020,

682 Table_1.XLSX. 2020,

681 Table_10.XLSX. 2020,

680 Table_11.XLSX. 2020,

679 Table_12.XLSX. 2020,

678 Table_13.XLSX. 2020,

677 Table_2.XLSX. 2020,

676 Table_3.XLSX. 2020,

675 Table_4.XLSX. 2020,

674 Table_5.XLSX. 2020,

673 Table_6.XLSX. 2020,

672 Table_7.XLSX. 2020,

671 Table_8.XLSX. 2020,

670 Table_9.XLSX. 2020,

669 Image_1.TIF. 2020,

668 Table_1.DOCX. 2020,

667 Table_1.xlsx. 2020,

666 Table_1.docx. 2018,

665 Table_1.DOCX. 2020,

664 Data_Sheet_1.docx. 2020,

663 Data_Sheet_1.PDF. 2020,

662 Table_1.DOCX. 2020,

661 Table_1.DOCX. 2020,

660 Data_Sheet_1.doc. 2018,

659 Data_Sheet_1.docx. 2018,

658 Table_1.DOCX. 2020,

657 Table_1.docx. 2020,

656 Data_Sheet_1.pdf. 2020,

655 Data_Sheet_1.docx. 2019,

654 Data_Sheet_1.PDF. 2020,

653 Data_Sheet_1.PDF. 2020,

652 Data_Sheet_1.DOCX. 2020,

651 Data_Sheet_2.DOCX. 2020,

650 Data_Sheet_3.DOCX. 2020,

649 Image1.TIF. 2017,

648 Data_Sheet_4.DOCX. 2020,

647 Table1.pdf. 2017,

646 Data_Sheet_5.DOCX. 2020,

645 Data_Sheet_6.docx. 2020,

644 Presentation1.PDF. 2018,

643 Data_Sheet_1.ZIP. 2019,

642 Table_1.DOCX. 2020,

641 Table_2.docx. 2020,

640 Data_Sheet_1.pdf. 2020,

639 Data_Sheet_1.PDF. 2019,

638 Table_1.DOCX. 2020,

637 Image_1.TIF. 2018,

636 Image_2.TIF. 2018,

635 Table_1.DOCX. 2018,

634 Table_1.DOCX. **2020**,

633 Data_Sheet_1.PDF. **2018**,

632 Image_1.TIF. **2019**,

631 Data_Sheet_1.pdf. **2018**,

630 Data_Sheet_1.docx. **2019**,

629 DataSheet_1.docx. **2020**,

628 DataSheet_1.docx. **2020**,

627 DataSheet_1.docx. **2020**,

626 Data_Sheet_1.docx. **2020**,

625 DataSheet_1.doc. **2019**,

624 Image_1.tif. **2019**,

623 Image_2.tif. **2019**,

622 Image_3.tif. **2019**,

621 Table_1.doc. **2019**,

620 Table_2.doc. **2019**,

619 Data_Sheet_1.PDF. **2020**,

618 DataSheet_1.pdf. **2019**,

617 DataSheet_1.docx. **2019**,

616 Image_1.tif. **2019**,

615 Table_1.xlsx. **2019**,

614 Table_2.xlsx. **2019**,

613 Table_3.xlsx. **2019**,

612 Table_4.xlsx. **2019**,

611 DataSheet_1.docx. **2019**,

610 DataSheet_2.docx. **2019**,

609 DataSheet_1.docx. **2019**,

608 DataSheet_1.xlsx. **2019**,

607 DataSheet_2.xlsx. **2019**,

606 DataSheet_3.xlsx. **2019**,

605 DataSheet_4.xlsx. **2019**,

604 Presentation_1.pdf. **2019**,

603 Presentation_1.pdf. **2019**,

602 DataSheet_1.doc. **2020**,

601 DataSheet_1.docx. **2020**,

600 Modulation effect of substantia nigra iron deposition and functional connectivity on putamen glucose metabolism in Parkinson's disease.. **2022**, ○

599 Cortico-amygdalar connectivity and externalizing/internalizing behavior in children with neurodevelopmental disorders.. **2022**, 1 ○

- 598 Shared and unique brain network features predict cognitive, personality, and mental health scores in the ABCD study.. **2022**, 13, 2217 3
- 597 The Role of the Insula in Classical and Dissociative PTSD: A Double Case Study.. **2022**, 1-9
- 596 Association between high levels of body-esteem and increased degree of midcingulate cortex global connectivity: A resting-state fMRI study.. **2022**, e14072
- 595 Abnormal static and dynamic brain function in patients with temporomandibular disorders: a resting-state functional magnetic resonance imaging study. **2021**, 39, 682-689 0
- 594 Modulation of dorsolateral prefrontal cortex functional connectivity after intermittent theta-burst stimulation in depression: Combining findings from fNIRS and fMRI.. **2022**, 34, 103028 0
- 593 Large scale brain network dynamics in very preterm children and relationship with socio-emotional outcomes.
- 592 Frequency-specific coactivation patterns in resting-state and their alterations in schizophrenia: An fMRI study.. **2022**,
- 591 Identifying the Neural Correlates of Resting State Affect Processing Dynamics. **2022**, 1,
- 590 Association between aerobic fitness and the functional connectome in patients with schizophrenia.. **2022**, 1
- 589 Variability in Resting-State Functional Magnetic Resonance Imaging: The Effect of Body Mass, Blood Pressure, Hematocrit and Glycated Hemoglobin on Hemodynamic and Neuronal Parameters.. **2022**,
- 588 Increased resting-state interhemispheric functional connectivity of striatum in first-episode drug-naive adolescent-onset schizophrenia.. **2022**, 103134 1
- 587 Association Between Cardiorespiratory Fitness and Cerebrovascular Reactivity to a Breath Hold Stimulus in Older Adults: Influence of Aerobic Exercise Training.. **2022**,
- 586 ALFF response interaction with learning during feedback in individuals with multiple sclerosis.
- 585 Repetitive Transcranial Magnetic Stimulation (rTMS) of Dorsolateral Prefrontal Cortex May Influence Semantic Fluency and Functional Connectivity in Fronto-Parietal Network in Mild Cognitive Impairment (MCI). **2022**, 10, 994 1
- 584 Multivariate Gaussian Copula Mutual Information to Estimate Functional Connectivity with Less Random Architecture. **2022**, 24, 631
- 583 Within- and between-subject reproducibility and variability in multi-modal, longitudinal brain networks. 0
- 582 Structural and Functional Trajectories of Middle Temporal Gyrus Sub-Regions During Life Span: A Potential Biomarker of Brain Development and Aging.. **2022**, 14, 799260
- 581 Exposure to traffic-related air pollution and noise during pregnancy and childhood, and functional brain connectivity in preadolescents.. **2022**, 164, 107275 1

- 580 Disrupted functional connectivity of the primary auditory cortex in autism. **2022**, 111490 1
- 579 Altered Brain Topological Property Associated With Anxiety in Experimental Orthodontic Pain. **2022**, 16, 1
- 578 Differences in social brain function in autism spectrum disorder are linked to the serotonin transporter: A randomised placebo-controlled single-dose crossover trial.. **2022**, 2698811221092509 0
- 577 Abnormal Dynamic Functional Networks in Subjective Cognitive Decline and Alzheimer's Disease.. **2022**, 16, 885126 0
- 576 Neural Responses of Acupuncture for Treating Functional Dyspepsia: An fMRI Study.. **2022**, 16, 819310 0
- 575 Loneliness inside of the brain: evidence from a large dataset of resting-state fMRI in young adult.. **2022**, 12, 7856 0
- 574 Deficient prefrontal-amygdalar connectivity underlies inefficient face processing in adolescent major depressive disorder.. **2022**, 12, 195 0
- 573 Effects of a multi-strain probiotic on hippocampal structure and function, cognition, and emotional well-being in healthy individuals: a double-blind randomised-controlled trial.. **2022**, 1-11 0
- 572 Accounting for motion in resting-state fMRI: What part of the spectrum are we characterizing in autism spectrum disorder?. *NeuroImage*, **2022**, 119296 7.9 0
- 571 Beneficial Effect of High-Frequency Repetitive Transcranial Magnetic Stimulation for the Verbal Memory and Default Mode Network in Healthy Older Adults. **2022**, 14, 1
- 570 Reliability and Validity of Power Spectrum Slope (PSS): A Metric for Measuring Resting-State Functional Magnetic Resonance Imaging Activity of Single Voxels. **2022**, 16, 1
- 569 Hyperreactivity to uncertainty is a key feature of subjective cognitive impairment.. **2022**, 11, 1
- 568 Cerebello-thalamofrontal dysconnectivity in paroxysmal kinesigenic dyskinesia: A resting-state fMRI study.. **2022**, 99, 1-7 0
- 567 Functional Connector Hubs in the Cerebellum.. *NeuroImage*, **2022**, 119263 7.9 1
- 566 Dynamic trajectories of connectome state transitions are heritable.. *NeuroImage*, **2022**, 119274 7.9
- 565 Dynamics of intrinsic whole-brain functional connectivity in abstinent males with methamphetamine use disorder. **2022**, 100065
- 564 Semantic fMRI neurofeedback: A Multi-Subject Study at 3 Tesla.. **2022**, 1
- 563 Processing of an Audiobook in the Human Brain Is Shaped by Cultural Family Background. **2022**, 12, 649 0

- 562 Rest-fMRI based comparison study between autism spectrum disorder and typically control using graph frequency bands. **2022**, 105643 ○
- 561 Coupling cognitive and brainstem dysfunction in multiple sclerosis-related chronic neuropathic limb pain. ○
- 560 Disruptions in Structural and Functional Connectivity Relate to Poststroke Fatigue.. **2022**,
- 559 A Longitudinal Resting-state Functional Connectivity Analysis on Trauma Exposure and Post-traumatic Stress Symptoms in Older Individuals. **2022**, 103052
- 558 Evidence for the normalization effects of medication for opioid use disorder on functional connectivity in neonates with prenatal opioid exposure.. **2022**, 1
- 557 Functional connectivity in the Gilles de la Tourette syndrome. **2022**,
- 556 Neurite outgrowth deficits caused by rare PLXNB1 mutation in pediatric bipolar disorder.
- 555 A Riemannian Revisiting of StructureFunction Mapping Based on Eigenmodes. **2022**, 1, ○
- 554 Altered Structural and Functional Patterns Within Executive Control Network Distinguish Frontal Glioma-Related Epilepsy. **2022**, 16, ○
- 553 Testing the Triple Network Model of Psychopathology in a Transdiagnostic Neurodevelopmental Cohort. ○
- 552 Physical resilience in the brain: The effect of white matter disease on brain networks in cognitively normal older adults.
- 551 Bimodal pilot study on inner speech decoding reveals the potential of combining EEG and fMRI.
- 550 More than just statics: Altered complexity of dynamic amplitude of low-frequency fluctuations in the resting brain after stroke. ○
- 549 Real-time motion monitoring improves functional MRI data quality in infants. **2022**, 55, 101116 ○
- 548 Voxel Based Analysis Revealed Modulating Effects on the Cortical-Striatal Rewarding Circuit by the Transcutaneous Auricular Vagus Nerve Stimulation in Patients with First-Episode Major Depressive Disorder.
- 547 Future Directions for Chemosensory Connectomes: Best Practices and Specific Challenges. **2022**, 16, ○
- 546 Brain intrinsic connection patterns underlying tool processing in human adults are present in neonates and not in macaques. *NeuroImage*, **2022**, 119339 7.9 ○
- 545 DLPFC-tDCS unable to modulate mind-wandering propensity nor underlying functional or effective brain connectivity.

- 544 Training-Specific Changes in Regional Spontaneous Neural Activity Among Professional Chinese Chess Players. **2022**, 16,
- 543 The LEGO theory of the developing functional connectome. ○
- 542 Evidence for altered neural activity patterns after MDMA-assisted therapy in adults with chronic and severe post-traumatic stress disorder: a pilot study.
- 541 Bi-phasic patterns of age-related differences in dopamine D1 receptors across the adult lifespan. ○
- 540 Sexually divergent development of depression-related brain networks during healthy human adolescence. **2022**, 8, ○
- 539 Contrasting Associations Between Heart Rate Variability and Brainstem-Limbic Connectivity in Posttraumatic Stress Disorder and Its Dissociative Subtype: A Pilot Study. 16, 1
- 538 Development of neonatal brain functional centrality and alterations associated with preterm birth. ○
- 537 Assortative mixing in micro-architecturally annotated brain connectomes. ○
- 536 Resting-State Network Organisation in Children with Traumatic Brain Injury. **2022**, ○
- 535 Cerebro-cerebellar Dysconnectivity in Children and Adolescents With Attention-Deficit/Hyperactivity Disorder. **2022**, ○
- 534 A Study of Spontaneous Brain Activity on Resting-State Functional Magnetic Resonance Imaging in Adults with MRI-Negative Temporal Lobe Epilepsy. Volume 18, 1107-1116
- 533 Associations between polygenic risk, negative symptoms, and functional connectome topology during a working memory task in early-onset schizophrenia. **2022**, 8, 1
- 532 Connectome-based predictive modeling of cognitive reserve using task-based functional connectivity.
- 531 Learning to read may help promote attention by increasing the volume of the left middle frontal gyrus and enhancing its connectivity to the ventral attention network. 1
- 530 Altered functional coupling between the cerebellum and cerebrum in patients with amnesic mild cognitive impairment.
- 529 Impaired Functional Homotopy and Topological Properties Within the Default Mode Network of Children With Generalized Tonic-Clonic Seizures: A Resting-State fMRI Study. **2022**, 16, 1
- 528 Deep Learning in Neuroimaging: Overcoming Challenges With Emerging Approaches. **2022**, 13, ○
- 527 Common and distinct neural bases of multiple positive emotion regulation strategies: A functional magnetic resonance imaging study. *NeuroImage*, **2022**, 257, 119334 7.9 ○

- 526 Neural substrates of psychosis revealed by altered dependencies between brain activity and white-matter architecture in individuals with 22q11 deletion syndrome. **2022**, 35, 103075
- 525 Brain function and brain connectivity in autism. **2022**, 107-126
- 524 Topological analysis of brain dynamics in autism based on graph and persistent homology.
- 523 Conscientiousness associated with efficiency of the salience/ventral attention network: Replication in three samples using individualized parcellation.
- 522 NeoRS: A Neonatal Resting State fMRI Data Preprocessing Pipeline. 16,
- 521 Multicompartmental models and diffusion abnormalities in paediatric mild traumatic brain injury. ○
- 520 Brain Structural and Functional Dissociated Patterns in Degenerative Cervical Myelopathy: A Case-Controlled Retrospective Resting-State fMRI Study. 13,
- 519 Association between resting-state functional brain connectivity and gene expression is altered in autism spectrum disorder. **2022**, 13, 1
- 518 A Chinese multi-modal neuroimaging data release for increasing diversity of human brain mapping. **2022**, 9, ○
- 517 Attenuated brain white matter functional network interactions in Parkinson's disease. ○
- 516 Local Functional Connectivity as a Parsimonious Explanation of the Main Frameworks for ADHD in Medication-Naïve Adults. 108705472211016
- 515 Maladaptive laterality in cortical networks related to social communication in autism spectrum disorder.
- 514 Effective connectivity reveals distinctive patterns in response to others' genuine affective experience of disgust. *NeuroImage*, **2022**, 119404 7.9
- 513 Oxytocinergic modulation of stress-associated amygdala-hippocampus pathways in humans is mediated by serotonergic mechanisms. ○
- 512 Acute Tai Chi Chuan exercise enhances sustained attention and elicits increased cuneus/precuneus activation in young adults. 1
- 511 Resting state functional connectivity in SLE patients and association with cognitive impairment and blood-brain barrier permeability. ○
- 510 Evaluating denoising strategies in resting-state functional magnetic resonance in traumatic brain injury (EpiBioS4Rx).
- 509 Brain Reactions to Opening and Closing the Eyes: Salivary Cortisol and Functional Connectivity.

508	Brain regions associated with olfactory dysfunction in first episode psychosis patients. 1-9	0
507	Altered effective connectivity among core brain networks in patients with bipolar disorder. 2022 ,	0
506	Evidence for non-selective response inhibition in uncertain contexts revealed by combined meta-analysis and Bayesian analysis of fMRI data. 2022 , 12,	0
505	Effector-selective modulation of the effective connectivity within frontoparietal circuits during visuomotor tasks.	
504	Denoising Approach Affects Diagnostic Differences in Brain Connectivity across the Alzheimer's Disease Continuum.	
503	Functional Redundancy of the Posterior Hippocampi, but not Anterior Hippocampi or Left Frontal Cortex, is Disrupted in Pathological Brain Aging.	
502	Performance of Temporal and Spatial Independent Component Analysis in Identifying and Removing Low-Frequency Physiological and Motion Effects in Resting-State fMRI. 16,	0
501	Hypothalamic connectivities predict individual differences in ADT-elicited changes in working memory and quality of life in prostate cancer patients. 2022 , 12,	
500	Identifying Alcohol Use Disorder With Resting State Functional Magnetic Resonance Imaging Data: A Comparison Among Machine Learning Classifiers. 13,	0
499	Neural correlates of acute post-traumatic dissociation: a functional neuroimaging script-driven imagery study. 2022 , 8,	2
498	Multiple-Network Alterations in Major Depressive Disorder With Gastrointestinal Symptoms at Rest Revealed by Global Functional Connectivity Analysis. 16,	1
497	Chinese adult brain atlas with functional and white matter parcellation. 2022 , 9,	
496	Human concurrent intracranial EEG and fMRI reveals multiple temporally independent but spatially similar connectome trajectories across timescales.	1
495	Aberrant impulse control circuitry in obesity.	0
494	Uncovering individual differences in fine-scale dynamics of functional connectivity.	0
493	A two-stage framework for neural processing of biological motion. <i>NeuroImage</i> , 2022 , 119403	7.9 0
492	The Impaired Subcortical Pathway From Superior Colliculus to the Amygdala in Boys With Autism Spectrum Disorder. 16,	0
491	Youth with Down syndrome display widespread increased functional connectivity during rest. 2022 , 12,	1

- 490 ASLPrep: a platform for processing of arterial spin labeled MRI and quantification of regional brain perfusion. **2022**, 19, 683-686 ○
- 489 Neural circuit pathology driven by Shank3 mutation disrupts social behaviors. **2022**, 39, 110906 ○
- 488 State and Trait Anxiety Share Common Network Topological Mechanisms of Human Brain. 16, ○
- 487 Validation of a new coil array tailored for dog functional magnetic resonance imaging (fMRI) studies. ○
- 486 Temporal Dynamics of Resting-state Functional Networks and Cognitive Functioning following Systemic Treatment for Breast Cancer. ○
- 485 Maturational networks of fetal brain activity. ○
- 484 Maturation of large-scale brain systems over the first month of life. ○
- 483 Task-Dependent Effective Connectivity of the Reward Network During Food Cue-Reactivity: A Dynamic Causal Modeling Investigation. 16, ○
- 482 Altered Coupling Between Cerebral Blood Flow and Voxel-Mirrored Homotopic Connectivity Affects Stroke-Induced Speech Comprehension Deficits. 14, ○
- 481 Functional connectomes become more longitudinally self-stable, but not more distinct from others, across early childhood. *NeuroImage*, **2022**, 258, 119367 7.9 ○
- 480 The Open-Access European Prevention of Alzheimer’s Dementia (EPAD) MRI dataset and processing workflow. **2022**, 35, 103106 1
- 479 Stressor-Specific Sex Differences in Amygdala-Frontal Cortex Networks. ○
- 478 Abnormal functional connectivities patterns of multidomain cognitive impairments in pontine stroke patients. ○
- 477 Egomotion-related visual areas respond to goal-directed movements. ○
- 476 PhiPipe: a multi-modal MRI data processing pipeline with test-retest reliability and predicative validity assessments. ○
- 475 Structural and Functional Brain Changes in Patients With Classic Trigeminal Neuralgia: A Combination of Voxel-Based Morphometry and Resting-State Functional MRI Study. 16, ○
- 474 Intrinsic Functional Connectivity in the Default Mode Network Differentiates the Combined and Inattentive Attention Deficit Hyperactivity Disorder Types. 16, ○
- 473 Striatal hub of dynamic and stabilized prediction coding in forebrain networks for olfactory reinforcement learning. **2022**, 13, ○

- 472 Misconfigured striatal connectivity profiles in smokers.
- 471 Altered Regional Activity and Network Homogeneity within the Fronto-Limbic Network at Rest in Medicine-Free Obsessive-Compulsive Disorder. **2022**, 12, 857
- 470 Masked features of task states found in individual brain networks. 0
- 469 Structural and Functional Brain Connectivity Uniquely Contribute to Episodic Memory Performance in Older Adults. 14,
- 468 Autism excitation-inhibition imbalance linked to brain hyperconnectivity: An analysis based on 657 autistic subjects.
- 467 Neural correlates of risky decision making in Parkinson's disease patients with impulse control disorders. 0
- 466 Different functional connectivity optimal frequency in autism compared with healthy controls and the relationship with social communication deficits: Evidence from gene expression and behavior symptom analyses.
- 465 The age of reason: Functional brain network development during childhood.
- 464 PSILOCYBIN INDUCES SPATIALLY CONSTRAINED ALTERATIONS IN THALAMIC FUNCTIONAL ORGANIZATION AND CONNECTIVITY. *NeuroImage*, **2022**, 119434 7.9 0
- 463 Propagation Structure of Intrinsic Brain Activity in Migraine without Aura. **2022**, 12, 903
- 462 Abnormal spontaneous neural activity in hippocampal-cortical system of patients with obsessive-compulsive disorder and its potential for diagnosis and prediction of early treatment response. 16, 0
- 461 Mapping Pharmacologically-induced Functional Reorganisation onto the Brain's Neurotransmitter Landscape.
- 460 Resting-State Brain Variability in Youth With Attention-Deficit/Hyperactivity Disorder. 13, 1
- 459 Augmented Pain-Evoked Primary Sensorimotor Cortex Activation in Adolescent Girls with Juvenile Fibromyalgia.
- 458 Variability in cognitive task performance in early adolescence is associated with stronger between-network anticorrelation and future attention problems.
- 457 Comparing the efficacy of data-driven denoising methods for a multi-echo fMRI acquisition at 7T.
- 456 Disruption of Functional Brain Networks Underlies the Handwriting Deficit in Children With Developmental Dyslexia. 16, 1
- 455 The temporal organization of corticostriatal communications. 0

- 454 Functional Coordinates: Modeling Interactions Between Brain Regions as Points in a Function Space. 1-33 0
- 453 Enhanced brain structure-function tethering in transmodal cortex revealed by high-frequency eigenmodes.
- 452 RS-FetMRI: a MATLAB-SPM Based Tool for Pre-processing Fetal Resting-State fMRI Data. 0
- 451 The powerful brain: Neural correlates of sense of power and hope. **2022**, 174, 108317
- 450 Longitudinal functional connectivity patterns of the default mode network in healthy older adults. *NeuroImage*, **2022**, 259, 119414 7.9 0
- 449 Aberrant Functional Connectivity of the Orbitofrontal Cortex Is Associated With Excited Symptoms in First-Episode Drug-Naïve Patients With Schizophrenia. 13, 1 0
- 448 Reinforcement learning with associative or discriminative generalization across states and actions: fMRI at 3 T and 7 T. 0
- 447 Orbitofrontal neural dissociation of healthy and unhealthy food reward sensitivity in normal-weight binge eaters. **2022**, 114736
- 446 Global signal topography in the human brain differs systematically across the lifespan. 0
- 445 Knowing what you feel: Inferior frontal gyrus-based structural and functional neural patterns underpinning adaptive body awareness. **2022**, 0
- 444 Early Amyloid accumulation and hypoconnectivity in the default mode network are related to its disengagement from global brain activity. 0
- 443 Cingulate-Prefrontal Connectivity During Dynamic Cognitive Control Mediates Association Between P-Factor and Adaptive Functioning in a Transdiagnostic Pediatric Sample. **2022**, 0
- 442 Reconfiguration of Functional Dynamics in Cortico-Thalamo-Cerebellar Circuit in Schizophrenia Following High-Frequency Repeated Transcranial Magnetic Stimulation. 16, 0
- 441 Aberrant brain dynamics in major depressive disorder with suicidal ideation. **2022**, 314, 263-270 0
- 440 Development of cognitive control during adolescence: The integrative effects of family socioeconomic status and parenting behaviors. **2022**, 57, 101139 2
- 439 Altered brain network topology in children with auditory processing disorder: A resting-state multi-echo fMRI study. **2022**, 35, 103139 0
- 438 QuNex [An Integrative Platform for Reproducible Neuroimaging Analytics]. 0
- 437 Neural contributions to reduced fluid intelligence across the adult lifespan.

- 436 Magnetic resonance-guided focused ultrasound thalamotomy restored distinctive resting-state networks in patients with essential tremor. **2022**, 1-12 ○
- 435 Differences in intrinsic functional networks in patients with essential tremor who had good and poor long-term responses after thalamotomy performed using MR-guided ultrasound. **2022**, 1-11 ○
- 434 Comparing visual cortex of children and adults reveals a late-stage change in the architecture of V1. ○
- 433 Translingual neural stimulation affects resting-state functional connectivity in mild-moderate traumatic brain injury.
- 432 An individualized functional magnetic resonance imaging protocol to assess semantic congruency effects on episodic memory in an aging multilingual population. 14,
- 431 Abnormal Dynamic Functional Connectivity of the Left Rostral Hippocampus in Predicting Antidepressant Efficacy in Major Depressive Disorder. **2022**, 19, 562-569
- 430 Task-based functional connectivity of the Useful Field of View (UFOV) fMRI task.
- 429 Functional brain networks underlying the interaction between central and peripheral processes involved in Chinese handwriting in children and adults.
- 428 Motion networks predict head motion during rest- and task-fMRI.
- 427 Functional Correlates of Cognitive Performance and Working Memory in Temporal Lobe Epilepsy: Insights from Task-based and Resting-state fMRI.
- 426 Suboptimal states and frontoparietal network-centered incomplete compensation revealed by dynamic functional network connectivity in patients with post-stroke cognitive impairment. 14,
- 425 Local Functional Connectivity as a Parsimonious Explanation of the Main Frameworks for ADHD in Medication-Naïve Adults. **2022**, 26, 1563-1575
- 424 Transient disruption of functional connectivity and depression of neural fluctuations in a mouse model of acute septic encephalopathy.
- 423 Neuropsychiatric symptoms associated multimodal brain networks in Alzheimer's disease. ○
- 422 Lateralized brain activities in subcortical vascular mild cognitive impairment with differential Chinese medicine patterns: A resting-state functional magnetic resonance imaging study. 16,
- 421 The comorbidity and cognition in multiple sclerosis (CCOMS) neuroimaging protocol: Study rationale, MRI acquisition, and minimal image processing pipelines. 1,
- 420 Doctor trustworthiness influences pain and its neural correlates in virtual medical interactions.
- 419 Reproducibility of functional connectivity metrics estimated from resting-state functional MRI with differences in days, coils, and global signal regression.

- 418 Learning to read Chinese promotes two cortico-subcortical pathways: The development of thalamo-occipital and fronto-striatal circuits. 16,
- 417 Is mindfulness associated with lower pain reactivity and connectivity of the default mode network? A replication and extension study in healthy and episodic migraine participants. **2022**, ○
- 416 Neural synchronization predicts marital satisfaction. **2022**, 119,
- 415 Classification of drug-naive children with attention-deficit/hyperactivity disorder from typical development controls using resting-state fMRI and graph theoretical approach. 16,
- 414 Precision dynamical mapping using topological data analysis reveals a hub-like transition state at rest. **2022**, 13, ○
- 413 Specific subsystems of the inferior parietal lobule are associated with hand dysfunction following stroke: A cross-sectional resting-state fMRI study. ○
- 412 Simultaneous EEG + fMRI study of brain activity during an emotional Stroop task in individuals in remission from depression. **2022**, ○
- 411 Altered global modular organization of intrinsic functional connectivity in autism arises from atypical node-level processing. ○
- 410 Increased functional connectivity of white-matter in myotonic dystrophy type 1. 16,
- 409 The human middle temporal cortex responds to both active leg movements and egomotion-compatible visual motion.
- 408 Intrinsic brain activity patterns across large-scale networks predict reciprocity propensity.
- 407 Local molecular and global connectomic contributions to cross-disorder cortical abnormalities. **2022**, 13, ○
- 406 Functional Connectivity as an Index of Brain Changes Following a Unicycle Intervention: A Graph-Theoretical Network Analysis. **2022**, 12, 1092
- 405 Rodent Automated Bold Improvement of EPI Sequences (RABIES): A standardized image processing and data quality platform for rodent fMRI. ○
- 404 Functional Connectivity of the Nucleus Accumbens and Changes in Appetite in Patients With Depression. ○
- 403 Brain phenotype models fail for individuals who defy sample stereotypes. 1
- 402 Dynamic spectral signatures of mirror movements in the sensorimotor functional connectivity network of patients with Kallmann syndrome. 16,
- 401 Static and Dynamic Functional Connectivity Alterations in Alzheimer's Disease and Neuropsychiatric Diseases.

- 400 Multi-feature computational framework for combined signatures of dementia in underrepresented settings. **2022**, 19, 046048 ○
- 399 The altered functional connectivity density related to cognitive impairment in alcoholics. 13,
- 398 An fMRI dataset for whole-body somatotopic mapping in humans. **2022**, 9,
- 397 A Mouse Holder for Awake Functional Imaging in Unanesthetized Mice: Applications in 31P Spectroscopy, Manganese-Enhanced Magnetic Resonance Imaging Studies, and Resting-State Functional Magnetic Resonance Imaging. **2022**, 12, 616 1
- 396 Leveraging machine learning for gaining neurobiological and nosological insights in psychiatric research. **2022**, 1
- 395 Mindfulness meditation increases default mode, salience, and central executive network connectivity. **2022**, 12,
- 394 Aberrant cerebellar-cerebral functional connectivity in patients with obsessive-compulsive disorder, and its trajectory after pharmacotherapy and potential for diagnosis and prediction of early treatment effects.
- 393 There is no fundamental trade-off between prediction accuracy and feature importance reliability. ○
- 392 Top-down modulation of visual cortical processing after transient congenital blindness. **2022**, 174, 108338 ○
- 391 The posterior middle temporal gyrus serves as a hub in syntactic comprehension: A model on the syntactic neural network. **2022**, 232, 105162 ○
- 390 Covariance-based vs. correlation-based functional connectivity dissociates healthy aging from Alzheimer disease. **2022**, 261, 119511 ○
- 389 The association of amygdala-insula functional connectivity and adolescent e-cigarette use via sleep problems and depressive symptoms. **2022**, 135, 107458 ○
- 388 Decreased resting-state functional connectivity of the habenula-cerebellar in a major depressive disorder. 13, ○
- 387 Alterations of structure and functional connectivity of visual brain network in patients with freezing of gait in Parkinson's disease. 14, ○
- 386 Relationship between neurochemical concentrations and neurofunctional measures in late-onset GM2 gangliosidosis. ○
- 385 Altered spontaneous brain activity in Down syndrome and its relation with cognitive outcome. **2022**, 12, ○
- 384 Capturing brain-cognition relationship: Integrating task-based fMRI across tasks markedly boosts prediction and test-retest reliability. **2022**, 263, 119588 ○
- 383 Comparing resting-state connectivity of working memory networks in U.S. Service members with mild traumatic brain injury and posttraumatic stress disorder. **2022**, 1796, 148099 ○

382	Predicting the severity of internet gaming disorder with resting-state brain features: A multi-voxel pattern analysis. 2022 , 318, 113-122	1
381	Abnormal dynamic functional network connectivity in first-episode, drug-naïve patients with major depressive disorder. 2022 , 319, 336-343	0
380	Brain activity during pursuit and goal-conflict threat avoidance in major depressive disorder. 2022 , 5,	0
379	Data augmentation with Mixup: Enhancing performance of a functional neuroimaging-based prognostic deep learning classifier in recent onset psychosis. 2022 , 36, 103214	0
378	Brain Regional Homogeneity and its Association with Age and Intelligence in Typically Developing Youth.	0
377	Altered dynamic amplitude of low-frequency fluctuation between bipolar type I and type II in the depressive state. 2022 , 36, 103184	0
376	Comparative Tasks for Comparative Neurophysiology. 2022 , 193-220	0
375	Linking cerebellar functional gradients to transdiagnostic behavioral dimensions of psychopathology. 2022 , 36, 103176	0
374	Abnormal degree centrality and functional connectivity in Down syndrome: A resting-state fMRI study. 2023 , 23, 100341	0
373	Dynamics of brain activity can reflect early signs of neurodegeneration. 2022 ,	0
372	Children's neural reactivity to maternal praise and criticism: Associations with early depressive symptoms and maternal depression. 1-16	0
371	Le Petit Prince multilingual naturalistic fMRI corpus. 2022 , 9,	0
370	More than just statics: Static and temporal dynamic changes in intrinsic brain activity in unilateral temporal lobe epilepsy. 16,	0
369	Multimodal brain age estimates relate to Alzheimer disease biomarkers and cognition in early stages: a cross-sectional observational study.	0
368	Action-value processing underlies the role of the dorsal anterior cingulate cortex in performance monitoring during self-regulation of affect. 2022 , 17, e0273376	0
367	Transcranial direct current stimulation of the occipital lobes with adjunct lithium attenuates the progression of cognitive impairment in patients with first episode schizophrenia. 13,	0
366	The involvement of the posterior parietal cortex in promotion and prevention focus.	0
365	Carotenoids improve the development of cerebral cortical networks in formula-fed infant macaques. 2022 , 12,	0

- 364 Pre- and post-task resting-state differs in clinical populations. ○
- 363 Methodological Considerations for Brain-Based Predictive Modelling in Psychiatry. **2022**, ○
- 362 Amygdala subdivisions exhibit aberrant whole-brain functional connectivity in relation to stress intolerance and psychotic symptoms in 22q11.2DS. 1
- 361 Effects of a new speech support application on intensive speech therapy and changes in functional brain connectivity in patients with post-stroke aphasia. 16, ○
- 360 Excitatory inhibitory imbalance underlies hippocampal atrophy in individuals with 22q11.2 Deletion Syndrome with psychotic symptoms. ○
- 359 Altered topological organization of resting-state functional networks in children with infantile spasms. 16, ○
- 358 Thalamic volume and functional connectivity are associated with nicotine dependence severity and craving. ○
- 357 Representations of Complex Contexts: A Role for Hippocampus. 1-21 ○
- 356 Limited evidence of deficits in threat and safety signal neural processing in obsessive-compulsive disorder. ○
- 355 Frontoparietal network activation is associated with motor recovery in ischemic stroke patients. **2022**, 5, ○
- 354 Neuroscience robotics for controlled induction and real-time assessment of hallucinations. ○
- 353 Functional brain reconfiguration during sustained pain. 11, ○
- 352 Altered correlation of concurrently recorded EEG-fMRI connectomes in temporal lobe epilepsy. ○
- 351 Neural efficiency and proficiency adaptation of effective connectivity corresponding to early and advanced skill levels in athletes of racket sports. ○
- 350 Reduced segregation of brain networks in spatial neglect after stroke. ○
- 349 A behavioral and brain imaging dataset with focus on emotion regulation of women with fibromyalgia. **2022**, 9, ○
- 348 The promises and pitfalls of functional magnetic resonance imaging hyperscanning for social interaction research. **2022**, 16, ○
- 347 Decoding Age-specific Changes in Brain Functional Connectivity Using a Sliding-window Based Clustering Method. ○

346	A self-training deep neural network for early prediction of cognitive deficits in very preterm infants using brain functional connectome data. 2022 , 52, 2227-2240	4
345	Resolving inter-regional communication capacity in the human connectome.	0
344	Disrupted role of the connectivity between the locus coeruleus and the hippocampus in cognition of healthy, middle-aged individuals at risk of dementia: the PREVENT-Dementia study.	0
343	Childhood obesity is linked to putative neuroinflammation in brain white matter, hypothalamus, and striatum.	0
342	Whole-Brain Structure-Function Coupling Abnormalities in Mild Cognitive Impairment: A Study Combining ALFF and VBM.	0
341	Automated optimization of TMS coil placement for personalized functional network engagement. 2022 ,	0
340	The older adult brain is less modular, more integrated, and less efficient at rest: A systematic review of large-scale resting-state functional brain networks in aging.	1
339	The landscape of functional brain network impairments in late-onset GM2 gangliosidosis.	0
338	Resting-State fMRI Whole Brain Network Function Plasticity Analysis in Attention Deficit Hyperactivity Disorder. 2022 , 2022, 1-15	0
337	An Open MRI Dataset For Multiscale Neuroscience. 2022 , 9,	1
336	A natural language fMRI dataset for voxelwise encoding models.	0
335	Inter-group Heterogeneity of Regional Homogeneity (REHO).	0
334	Motor inhibition and its contribution to recovery of dexterous hand use after stroke.	0
333	Evidence from Big data for the default-mode hypothesis of ADHD: a mega-analysis of multiple large samples.	0
332	Thalamo-cortical inter-subject functional correlation during movie watching across the adult lifespan. 16,	0
331	DeepRetroMoCo: Deep neural network-based Retrospective Motion Correction Algorithm for Spinal Cord functional MRI.	0
330	Stable functional compensation within hippocampal-subregion networks in patients with temporal glioma before and after surgery. 16,	0
329	Prediction of remission among patients with a major depressive disorder based on the resting-state functional connectivity of emotion regulation networks. 2022 , 12,	0

328	The time course of creativity: Multivariate classification of default and executive network contributions to creative cognition over time. 2022 ,	1
327	Connectome-based prediction of eating disorder-associated symptomatology. 1-14	0
326	Effect of surgical mask on fMRI signals during task and rest. 2022 , 5,	0
325	Non-invasive temporal interference electrical stimulation of the human hippocampus.	1
324	Associations of lifetime concussion history and repetitive head impact exposure with resting-state functional connectivity in former collegiate American football players: An NCAA 15-year follow-up study. 2022 , 17, e0273918	0
323	Brain Morphological and Functional Changes in Adenomyosis with Pain: A Resting State Functional Magnetic Resonance Imaging Study. 2022 , 11, 5286	0
322	A synchronized multimodal neuroimaging dataset for studying brain language processing. 2022 , 9,	0
321	Developmental trajectories of the default mode, executive control, and salience networks from the third trimester through the newborn period.	0
320	Genetic and environmental factors influencing neonatal resting-state functional connectivity.	0
319	Does prefrontal connectivity during task switching help or hinder children's performance?.	0
318	Interdigitated Columnar Representation of Personal Space and Visual Space in Human Parietal Cortex. JN-RM-0516-22	0
317	Excitation-inhibition imbalance in Alzheimer's disease using multiscale neural model inversion of resting-state fMRI.	1
316	Serum neurofilament light chain is associated with disturbed limbic-based functional connectivity in patients with anti-NMDAR encephalitis.	0
315	The age of reason: Functional brain network development during childhood. JN-RM-0511-22	1
314	Functional connectivity subtypes associate robustly with ASD diagnosis. 11,	0
313	Hippocampus and temporal pole functional connectivity is associated with age and individual differences in autobiographical memory. 2022 , 119,	0
312	Meta-connectomic analysis maps consistent, reproducible, and transcriptionally relevant functional connectome hubs in the human brain. 2022 , 5,	0
311	Reliability and sensitivity to altered hemodynamics measured with resting-state fMRI metrics: Comparison with ¹²³ I-IMP SPECT. 2022 , 263, 119654	1

310	Evidence of familial confounding of the association between cannabis use and cerebellar-cortical functional connectivity using a twin study. 2022 , 36, 103237	0
309	State-like changes in the salience network correlate with delusion severity in first-episode psychosis patients. 2022 , 36, 103234	0
308	Decreased reward circuit connectivity during reward anticipation in major depression. 2022 , 36, 103226	0
307	The Emerging Role of AI in Dementia Research and Healthcare. 2022 , 95-106	0
306	Intrinsic Brain Activity and Resting State Networks. 2022 , 1939-1990	0
305	Neurobiology and Functional Anatomy of Tic Disorders. 2022 , 199-230	0
304	Gray matter atrophy and corresponding impairments in connectivity in patients with anti-N-methyl-D-aspartate receptor encephalitis. 2022 , 16, 2001-2010	1
303	Functional brain network and trail making test changes following major surgery and postoperative delirium: a prospective, multicentre, observational cohort study. 2022 ,	0
302	Prefrontal tDCS is unable to modulate mind wandering propensity or underlying functional or effective brain connectivity. 2022 , 12,	0
301	Neural correlates of affective task switching and asymmetric affective task switching costs.	0
300	Ritualistic use of ayahuasca enhances a shared functional connectome identity with others.	0
299	Personalized Functional Brain Network Topography Predicts Individual Differences in Youth Cognition.	0
298	Precise motor rhythmicity relies on motor network responsivity.	0
297	An analysis-ready and quality controlled resource for pediatric brain white-matter research. 2022 , 9,	1
296	Dysconnection and cognition in schizophrenia: a spectral dynamic causal modeling study.	0
295	Altered dynamic functional network connectivity in levodopa-induced dyskinesia of Parkinson's disease.	0
294	Morphometric similarity networks discriminate patients with lumbar disc herniation from healthy controls and predict pain intensity. 2,	0
293	The White Matter Functional Abnormalities in Patients with Transient Ischemic Attack: A Reinforcement Learning Approach. 2022 , 2022, 1-12	0

292	Longitudinal developmental trajectories of inhibition and white-matter maturation of the fronto-basal-ganglia circuits. 2022 , 101171	0
291	Disrupted topological organization of resting-state functional brain networks in Parkinson disease patients with glucocerebrosidase gene mutations.	0
290	Medial Prefrontal Cortex Dysfunction Mediates Working Memory Deficits in Patients with Schizophrenia. 2022 ,	0
289	Thalamocortical networks involved in Pusher Syndrome.	0
288	Highly connected and highly variable: A Core brain network during resting state supports Propofol-induced unconsciousness.	0
287	Use of connectotyping on task functional MRI data reveals dynamic network level cross talking during task performance. 16,	0
286	Maladaptive laterality in cortical networks related to social communication in autism spectrum disorder. JN-RM-1229-22	1
285	Association study between hypothalamic functional connectivity, early nutrition, and glucose levels in healthy children aged 6 years: The COGNIS study follow-up. 9,	1
284	Gray matter, white matter and cerebrospinal fluid abnormalities in Parkinson disease: A voxel-based morphometry study. 13,	1
283	Alcohol-induced brain deficit in alcohol dependence. 13,	0
282	Evaluation of noise regression techniques in resting-state fMRI studies using data of 434 older adults. 16,	0
281	Movement-related artefacts (MR-ART) dataset of matched motion-corrupted and clean structural MRI brain scans. 2022 , 9,	0
280	Trait related aberrant connectivity in clinically stable patients with schizophrenia: A seed based resting state fMRI study.	1
279	Retrieval flexibility links to creativity: evidence from computational linguistic measure.	0
278	Baseline global brain structural and functional alterations at the time of symptom onset can predict subsequent cognitive deterioration in drug-naïve first-episode schizophrenia patients: Evidence from a follow-up study. 13,	0
277	Hypothalamic Functional Connectivity and Apathy in People with Alzheimer Disease and Cognitively Normal Healthy Controls. 2022 , 1-14	0
276	Persistent Homology-based Functional Connectivity Explains Cognitive Ability: Life-span Study.	0
275	Observing cognitive processes in time through functional MRI model comparison.	0

274	Cortical thickness and intrinsic activity changes in middle-aged men with alcohol use disorder. 2022,	1
273	Explore the effects of overweight and smoking on spontaneous brain activity: Independent and reverse. 16,	0
272	A Hypothalamic Mechanism Regulates the Duration of a Migraine Attack: Insights from Microstructural and Temporal Complexity of Cortical Functional Networks Analysis. 2022, 23, 13238	0
271	The effect of lysergic acid diethylamide (LSD) on whole-brain functional and effective connectivity.	0
270	Resting-state BOLD signal variability is associated with individual differences in metacontrol. 2022, 12,	0
269	Evaluating the reliability, validity, and utility of overlapping networks: Implications for network theories of cognition.	0
268	Topological analysis of brain dynamics in autism based on graph and persistent homology. 2022, 150, 106202	0
267	The human brain networks mediating the vestibular sensation of self-motion. 2022, 443, 120458	1
266	An orderly sequence of autonomic and neural events at transient arousal changes. 2022, 264, 119720	0
265	Reorganization of the functional connectome from rest to a visual perception task in schizophrenia and bipolar disorder. 2022, 327, 111556	0
264	Task-based co-activation patterns reliably predict resting state canonical network engagement during development. 2022, 58, 101160	0
263	Increasing diversity in developmental cognitive neuroscience: A roadmap for increasing representation in pediatric neuroimaging research. 2022, 58, 101167	0
262	Impact of motion on research studies. 2023, 13-23	0
261	Metrics for motion and MR quality assessment. 2023, 99-116	0
260	Functional MRI. 2023, 499-515	0
259	Effectiveness of immersive VR-based rehabilitation on upper extremity recovery in subacute stroke: a randomized controlled trial.	0
258	Does cueing need attention? A pilot study in people with Parkinson's disease. 2022,	0
257	Neural correlates of spatial attention bias: Changes in functional connectivity in attention networks associated with tDCS. 2022, 108417	0

- 256 A systematically optimized awake mouse fMRI paradigm. ○
- 255 Early-life language deprivation affects specific neural mechanisms of semantic representations. ○
- 254 Aberrant interhemispheric functional connectivity in major depressive disorder with and without anhedonia. **2022**, 22, ○
- 253 Predictive Coding and Internal Error Correction in Speech Production. 1-77 ○
- 252 Altered striatal functional connectivity and structural dysconnectivity in individuals with bipolar disorder: A resting state magnetic resonance imaging study. 13, 1
- 251 Effects of Coils, Post-processing Methods, and Amplitude Frequency on Resting-state Brain Function After Electroacupuncture at Zusanli: A Preliminary Study. ○
- 250 Neurobehavioral precursors of compulsive cocaine-seeking in dual fronto-striatal circuits. ○
- 249 Hemispheric Asymmetries of Individual Differences in Functional Connectivity. 1-26 ○
- 248 Resting-state functional MRI in multicenter studies on multiple sclerosis: a report on raw data quality and functional connectivity features from the Italian Neuroimaging Network Initiative. ○
- 247 Amplitude of low frequency fluctuations during resting state fMRI in autistic children. ○
- 246 Longitudinal alterations of modular functional-metabolic coupling in first-episode schizophrenia. **2022**, ○
- 245 Test-Retest Reliability of Dynamic Functional Connectivity Parameters for a Two-State Model. ○
- 244 Temporal dynamics predict symptom onset and cognitive decline in familial frontotemporal dementia. ○
- 243 Dissociation of categorical and coordinate spatial relations on dynamic network organization states. 16, ○
- 242 Longer Illness Duration is Associated with Greater Individual Variability in Functional Brain Activity in Schizophrenia, but not Bipolar Disorder. **2022**, 103269 ○
- 241 Effects of dopamine-based genetic risk score on dynamic low-frequency fluctuations in patients with first-episode drug-naïve schizophrenia. ○
- 240 Altered global modular organization of intrinsic functional connectivity in autism arises from atypical node-level processing. ○
- 239 Can this data be saved? Techniques for high motion in resting state scans of first grade children. **2022**, 101178 ○

- 238 Neonatal brain dynamic functional connectivity: impact of preterm birth and association with early childhood neurodevelopment. ○
- 237 Improved high-dimensional multivariate autoregressive model estimation of human electrophysiological data using fMRI priors. ○
- 236 Human amygdala compared to orbitofrontal cortex connectivity, and emotion. **2023**, 220, 102385 1
- 235 Specific and common functional connectivity deficits in drug-free generalized anxiety disorder and panic disorder: A data-driven analysis. **2023**, 319, 114971 ○
- 234 Neurovascular coupling changes in patients with magnetic resonance imaging negative focal epilepsy. **2023**, 138, 109035 ○
- 233 The functional connectivity between left insula and left medial superior frontal gyrus underlying the relationship between rumination and procrastination. **2023**, 509, 1-9 ○
- 232 Increasing empathic concern relates to salience network hyperconnectivity in cognitively healthy older adults with elevated amyloid- β burden. **2023**, 37, 103282 ○
- 231 Sex Difference in General Cognition Associated with Coupling of Whole-brain Functional Connectivity Strength to Cerebral Blood Flow Changes During Alzheimer's Disease Progression. **2023**, 509, 187-200 ○
- 230 Whole-brain modeling explains the context-dependent effects of cholinergic neuromodulation. **2023**, 265, 119782 ○
- 229 The confound of head position in within-session connectome fingerprinting in infants. **2023**, 265, 119808 ○
- 228 Effect of subjective sleep quality on aggression: A two-year longitudinal and fMRI pilot study. **2023**, 176, 108454 ○
- 227 Thalamic volume and functional connectivity are associated with nicotine dependence severity and craving. **2023**, 28, ○
- 226 Cognitive control training enhances the integration of intrinsic functional networks in adolescents. 16, ○
- 225 Subacute changes in brain functional network connectivity after nocturnal sodium oxybate intake are associated with anterior cingulate GABA/glutamate balance. ○
- 224 Exploring changes in depression and radiology-related publications research focus: A bibliometrics and content analysis based on natural language processing. 13, ○
- 223 Evaluating instrumental learning and striatal-cortical functional connectivity in adolescent alcohol and cannabis use. **2023**, 28, ○
- 222 Thalamocortical functional connectivity and cannabis use in men with childhood attention-deficit/hyperactivity disorder. **2022**, 17, e0278162 ○
- 221 Changes in music-evoked emotion and ventral striatal functional connectivity after psilocybin therapy for depression. 026988112211253 ○

- 220 Longitudinal changes in functional connectivity in speech motor networks in apraxia of speech after stroke. 13, ○
- 219 Gabrb3 is required for the functional integration of pyramidal neuron subtypes in the somatosensory cortex. **2022**, ○
- 218 Disrupted topological organization of the motor execution network in Wilson’s disease. 13, ○
- 217 Variability in cognitive task performance in early adolescence is associated with stronger between-network anticorrelation and future attention problems. **2022**, ○
- 216 Supramodal Shape Representation in the Human Brain. ○
- 215 Changes in global functional network properties predict individual differences in habit formation. ○
- 214 Chronic effects of different exercise types on brain activity in healthy older adults and those with Parkinson’s disease: A systematic review. 13, ○
- 213 The dynamic functional connectivity fingerprint of high-grade gliomas. ○
- 212 Hierarchical functional system development supports executive function. **2022**, ○
- 211 Development of neonatal brain functional centrality and alterations associated with preterm birth. ○
- 210 Connectome-based predictive modeling of cognitive reserve using task-based functional connectivity. ○
- 209 Motion Impact Score for Detecting Spurious Brain-Behavior Associations. ○
- 208 The impact of quality control on cortical morphometry comparisons in autism. ○
- 207 Distinct profiles of functional connectivity density aberrance in Alzheimer’s disease and mild cognitive impairment. 13, ○
- 206 Emergence of counting in the brains of 3- to 5-year-old children. ○
- 205 Differences in brain functional networks for audiovisual integration during reading between children and adults. ○
- 204 Neural contributions to reduced fluid intelligence across the adult lifespan. JN-RM-0148-22 ○
- 203 A pilot randomized sham controlled trial of bilateral iTBS for depression and executive function in older adults. **2023**, 38, ○

202	TRIAc Treatment Improves Impaired Brain Network Function and White Matter Loss in Thyroid Hormone Transporter Mct8/Oatp1c1 Deficient Mice. 2022 , 23, 15547	○
201	Altered engagement of the speech motor network is associated with reduced phonological working memory in autism. 2022 , 103299	○
200	Inter-individual heterogeneity of functional brain networks in children with autism spectrum disorder. 2022 , 13,	○
199	Altered functional hubs and connectivity in type 2 diabetes mellitus with and without mild cognitive impairment. 13,	○
198	Differentiation of claustrum resting-state functional connectivity in healthy aging, Alzheimer's disease, and Parkinson's disease.	○
197	Functional connectivity of the default mode network subsystems in patients with major depressive episodes with mixed features. 2022 , 35, e100929	○
196	Dorsal attention network activity during perceptual organization is distinct in schizophrenia and predictive of cognitive disorganization.	○
195	Structural filtering of functional data offered discriminative features for autism spectrum disorder. 2022 , 17, e0277989	○
194	Coordinated anatomical and functional variability in the human brain during adolescence.	○
193	Behavioral and neuro-cognitive bases for emergence of norms and socially shared realities via dynamic interaction. 2022 , 5,	1
192	Connectome-wide mega-analysis reveals robust patterns of atypical functional connectivity in autism. 2022 ,	○
191	Children cooled for neonatal encephalopathy without cerebral palsy retain healthy resting-state static and dynamic functional connectivity.	○
190	Alterations of Regional Homogeneity in Parkinson's Disease with Rapid Eye Movement Sleep Behavior Disorder. Volume 18, 2967-2978	○
189	Nicotine addiction and overweight affect intrinsic neural activity and neurotransmitter activity: A fMRI study of interaction effects.	○
188	Task learning is subserved by a domain-general brain network.	○
187	Limbic connectivity underlies pain treatment response in small-fiber neuropathy.	○
186	QRATER: a collaborative and centralized imaging quality control web-based application.	○
185	How much data do we need? Lower bounds of brain activation states to predict human cognitive ability.	○

184	Hippocampal, basal ganglia and olfactory connectivity contribute to cognitive impairments in Parkinson's disease.	0
183	Baseline brain and behavioral factors distinguish adolescent substance initiators and non-initiators at follow-up. 13,	0
182	Inter-individual differences in baseline dynamic functional connectivity are linked to cognitive aftereffects of tDCS. 2022, 12,	0
181	Age-related differences in functional network segregation in the context of sex and reproductive stage.	0
180	Differences in the functional brain architecture of sustained attention and working memory in youth and adults. 2022, 20, e3001938	1
179	Evaluating methods for measuring background connectivity in slow event-related functional MRI designs.	0
178	Fetal behavior during MRI changes with age and relates to network dynamics.	0
177	Combined cognitive training and vortioxetine mitigates age-related declines in functional brain network integrity. 2023,	0
176	Distinct and shared patterns of brain plasticity during electroconvulsive therapy and treatment as usual in depression: an observational multimodal MRI-study. 2023, 13,	0
175	A functional MRI pre-processing and quality control protocol based on statistical parametric mapping (SPM) and MATLAB. 1,	0
174	Cognitive and Psychiatric Relevance of Dynamic Functional Connectivity States in Children.	0
173	Cognition's dependence on functional network integrity with age is conditional on structural network integrity.	0
172	Real-time feedback reduces participant motion during task-based fMRI.	0
171	Multimodal brain age estimates relate to Alzheimer disease biomarkers and cognition in early stages: a cross-sectional observational study. 12,	1
170	Whole-brain functional gradients reveal cortical and subcortical alterations in patients with episodic migraine.	0
169	Quality control in functional MRI studies with MRIQC and fMRIPrep. 1,	0
168	Cortical structural and functional coupling during development and implications for Attention Deficit Hyperactivity Disorder.	0
167	Hodge Laplacian of Brain Networks. 2023, 1-1	0

- 166 Preoperative functional connectivity by magnetic resonance imaging for refractory neocortical epilepsy. ○
- 165 Structural atrophy and functional dysconnectivity patterns in the cerebellum relate to cerebral networks in svMCI. 16, ○
- 164 The effect of using group-averaged or individualized brain parcellations when investigating connectome dysfunction: A case study in psychosis. ○
- 163 Associative white matter tracts selectively predict sensorimotor learning. ○
- 162 Brain connectivity in frailty: insights from The Irish Longitudinal Study on Ageing (TILDA). **2023**, ○
- 161 Alterations of degree centrality and functional connectivity in classic trigeminal neuralgia. 16, ○
- 160 The Stroop effect involves an excitatory/inhibitory fronto-cerebellar loop. **2023**, 14, ○
- 159 Cingulo-opercular subnetworks motivate fronto-parietal subnetworks during distinct cognitive control demands. JN-RM-1314-22 ○
- 158 Modeling the Effects of Transcranial Magnetic Stimulation on Spatial Attention. ○
- 157 Exposure to negative socio-emotional events induces sustained alteration of resting-state brain networks in older adults. ○
- 156 Developmental and aging resting functional magnetic resonance imaging brain state adaptations in adolescents and adults: A large N (> 47K) study. ○
- 155 Multi-Graph Attention Networks with Bilinear Convolution for Diagnosis of Schizophrenia. **2023**, 1-12 ○
- 154 Cortical thickness, gray matter volume, and cognitive performance: a cross-sectional study of the moderating effects of age on their interrelationships. ○
- 153 Impact of multidomain preventive strategies on functional brain connectivity in older adults with cognitive complaint: Subset from the Montpellier center of the ancillary MAPT-MRI study. 14, ○
- 152 Right amygdala-right precuneus connectivity is associated with childhood trauma in major depression patients and healthy controls. ○
- 151 Evaluating test-retest reliability and sex-/age-related effects on temporal clustering coefficient of dynamic functional brain networks. 1
- 150 A method for reconstruction of interpretable brain networks from transient synchronization in resting-state BOLD fluctuations. 16, ○
- 149 Aberrant neurovascular coupling in Leber's hereditary optic neuropathy: Evidence from a multi-model MRI analysis. 16, ○

- 148 Functional disconnection between subsystems of the default mode network in bipolar disorder. **2023**, 325, 22-28 ○
- 147 Functional Coherence in Intrinsic Frontal Executive Networks Predicts Cognitive Impairments in Alcohol Use Disorder. **2023**, 13, 45 ○
- 146 A structural and resting-state functional connectivity investigation of the pulvinar in elderly individuals and Alzheimer's disease patients. ○
- 145 fMRIflores: A Consortium of Fully Automatic Univariate and Multivariate fMRI Processing Pipelines. ○
- 144 Head motion correction shapes functional network estimates: evidence from healthy and Parkinson's disease cohorts. ○
- 143 The depth of semantic processing modulates cross-language pattern similarity in Chinese-English bilinguals. ○
- 142 PhiPipe : A multi-modal MRI data processing pipeline with test-retest reliability and predictive validity assessments. ○
- 141 Single voxel autocorrelation uncovers gradients of temporal dynamics in the hippocampus and entorhinal cortex during rest and navigation. ○
- 140 Systematic evaluation of head motion on resting-state functional connectivity MRI in the neonate. ○
- 139 Interactions between the aging brain and motor task complexity across the lifespan: balancing brain activity resource demand and supply. ○
- 138 Alteration of resting-state network dynamics in autism spectrum disorder based on leading eigenvector dynamics analysis. 16, ○
- 137 Intrinsic hippocampal connectivity is associated with individual differences in retrospective duration processing. ○
- 136 Using Connectivity to Explain Neuropsychiatric Conditions: The Example of Autism. **2023**, 3197-3236 ○
- 135 Aberrant resting-state regional activity in patients with postpartum depression. 16, ○
- 134 Severity-dependent functional connectome and the association with glucose metabolism in the sensorimotor cortex of Parkinson's disease. 17, ○
- 133 The Individualized Prediction of Neurocognitive Function in People Living with HIV Based on Clinical and Multimodal Connectome Data. **2023**, 1-11 ○
- 132 Altered default mode network causal connectivity patterns in autism spectrum disorder revealed by Liang information flow analysis. ○
- 131 Evaluate the efficacy and reliability of functional gradients in within-subject designs. ○

- 130 Altered brain activity and functional connectivity after MDMA-assisted therapy for post-traumatic stress disorder. 13, ○
- 129 A multimodal imaging approach to foreign accent syndrome. A case report. 1-10 ○
- 128 Aging and Alzheimer’s Disease Have Dissociable Effects on Medial Temporal Lobe Connectivity. ○
- 127 Statistical power in network neuroscience. **2023**, 1
- 126 Concerted roles of LRRTM1 and SynCAM 1 in organizing prefrontal cortex synapses and cognitive functions. **2023**, 14, ○
- 125 Pre- and post-task resting-state differs in clinical populations. **2023**, 37, 103345 ○
- 124 Stressor-Specific Sex Differences in Amygdala-Prefrontal Cortex Networks. **2023**, 12, 865 ○
- 123 Inter-rater reliability of functional MRI data quality control assessments: A standardised protocol and practical guide using pyfMRIqc. 17, ○
- 122 Quantification of the Regional Properties of Gastric Motility Using Dynamic Magnetic Resonance Images. **2023**, 4, 38-44 ○
- 121 Altered hierarchical organization between empathy and gambling networks in disordered gamblers. 14, ○
- 120 Normalized mutual information of fNIRS signals as a measure for accessing typical and atypical brain activity. ○
- 119 Deep brain stimulation does not modulate fMRI resting-state functional connectivity in essential tremor. ○
- 118 Reproducibility of cerebral perfusion measurements using BOLD delay. **2023**, 44, 2778-2789 ○
- 117 Dysconnection and cognition in schizophrenia: A spectral dynamic causal modeling study. **2023**, 44, 2873-2896 ○
- 116 The influence of high worry on static and dynamic insular functional connectivity. 17, ○
- 115 Neurite outgrowth deficits caused by rare PLXNB1 mutation in pediatric bipolar disorder. ○
- 114 Using synthetic MR images for distortion correction. **2023**, 60, 101234 ○
- 113 Information flow and dynamic functional connectivity during electroconvulsive therapy in patients with depression. **2023**, 328, 141-152 ○

- 112 Conscientiousness associated with efficiency of the salience/ventral attention network: Replication in three samples using individualized parcellation. **2023**, 272, 120081 ○
- 111 A joint subspace mapping between structural and functional brain connectomes. **2023**, 272, 119975 ○
- 110 Unbalanced amygdala communication in major depressive disorder. **2023**, 329, 192-206 ○
- 109 Both fine-grained and coarse-grained spatial patterns of neural activity measured by functional MRI show preferential encoding of pain in the human brain. **2023**, 272, 120049 ○
- 108 Different kinds of simulation during literary reading: Insights from a combined fMRI and eye-tracking study. **2023**, 162, 115-135 ○
- 107 Disrupted functional networks within white-matter served as neural features in adolescent patients with conduct disorder. **2023**, 447, 114422 ○
- 106 Brief mock-scan training reduces head motion during real scanning for children: A growth curve study. **2023**, 61, 101244 ○
- 105 Trait absorption is not reliably associated with brain structure or resting-state functional connectivity. **2023**, 3, 100171 ○
- 104 Dopamine differentially modulates medial temporal lobe activity and behavior during spatial navigation in young and older adults. **2023**, 273, 120099 ○
- 103 The art and science of using quality control to understand and improve fMRI data. 17, ○
- 102 Structural and functional connectivity reconstruction with CATO - A Connectivity Analysis TOolbox. **2023**, 273, 120108 ○
- 101 Associations of physical function and body mass index with functional brain networks in community-dwelling older adults. **2023**, 127, 43-53 ○
- 100 IMOVE: Protocol for a randomized, controlled 2x2 factorial trial of improvisational movement and social engagement interventions in older adults with early Alzheimer's disease. **2023**, 32, 101073 ○
- 99 Topological learning for brain networks. **2023**, 17, ○
- 98 Antidepressant treatment-related brain activity changes in remitted major depressive disorder. **2023**, 330, 111601 ○
- 97 Big Data in Cognitive Neuroscience: Opportunities and Challenges. **2022**, 16-30 ○
- 96 Aberrant functional connectivity of the bed nucleus of the stria terminalis and its age dependence in children and adolescents with social anxiety disorder. **2023**, 82, 103498 ○
- 95 Optimizing multivariate pattern classification in rapid event-related designs. **2023**, 387, 109808 ○

- 94 Age-related differences in resting-state functional connectivity from childhood to adolescence. ○
- 93 Controlling jaw-related motion artifacts in functional near-infrared spectroscopy. **2023**, 388, 109810 ○
- 92 Functional Connectivity of the Cerebellar Vermis in Bipolar Disorder and Associations with Mood. ○
- 91 Individual Variability in Performance Reflects Selectivity of the Multiple Demand Network among Children and Adults. **2023**, 43, 1940-1951 ○
- 90 The intracortical myelin content of impulsive choices: results from T1- and T2-weighted MRI myelin mapping. ○
- 89 Validation of a New Coil Array Tailored for Dog Functional Magnetic Resonance Imaging Studies. **2023**, 10, ENEURO.0083-22.2022 ○
- 88 Risk of insomnia during COVID-19: effects of depression and brain functional connectivity. 1
- 87 Odor imagery but not perception drives risk for food cue reactivity and increased adiposity. ○
- 86 Effects of 12-week escitalopram treatment on resting-state functional connectivity of large-scale brain networks in major depressive disorder. **2023**, 44, 2572-2584 ○
- 85 Association of default-mode network neurotransmitters and inter-network functional connectivity in first episode psychosis. **2023**, 48, 781-788 ○
- 84 Functional correlates of neurological soft signs in heavy cannabis users. **2023**, 28, ○
- 83 Does prefrontal connectivity during task switching help or hinder children's performance?. **2023**, 60, 101217 ○
- 82 Functional networks in the infant brain during sleep and wake states. ○
- 81 Alcohol-induced changes in mesostriatal resting-state functional connectivity are linked to sensation seeking in young adults. ○
- 80 Altered longitudinal trajectory of default mode network connectivity in healthy youth with subclinical depressive and posttraumatic stress symptoms. **2023**, 60, 101216 ○
- 79 Whole-brain structural connectome asymmetry in autism. ○
- 78 Dissociating instructive and reorganizing effects of experience on development of human visual cortices. ○
- 77 Polygenic risk score for attention-deficit/hyperactivity disorder and brain functional networks segregation in a community-based sample. **2023**, 22, ○

- 76 Education differentiates cognitive performance and resting state fMRI connectivity in healthy aging. ○
- 75 Amygdala connectivity related to subsequent stress responses during the COVID-19 outbreak. 14, ○
- 74 Your smile won't affect me: Association between childhood maternal antipathy and adult neural reward function in a transdiagnostic sample. **2023**, 13, ○
- 73 Resting-state functional connectivity of the raphe nuclei in major depressive Disorder: A Multi-site study. **2023**, 37, 103359 ○
- 72 Less is more: balancing noise reduction and data retention in fMRI with data-driven scrubbing. **2023**, 270, 119972 ○
- 71 Lifespan differences in visual short-term memory load-modulated functional connectivity. **2023**, 270, 119982 ○
- 70 Biotypes of major depressive disorder identified by a multiview clustering framework. **2023**, 329, 257-272 ○
- 69 Altered functional dynamics gradient in schizophrenia with cigarette smoking. ○
- 68 Nicotine dependence and insula subregions: functional connectivity and cue-induced activation. ○
- 67 Macroscopic resting state model predicts theta burst stimulation response: A randomized trial. **2023**, 19, e1010958 ○
- 66 Subacute changes in brain functional network connectivity after nocturnal sodium oxybate intake are associated with anterior cingulate GABA. ○
- 65 Entorhinal Cortex Functional Connectivity during Item Long-Term Memory and the Role of Sex. **2023**, 13, 446 ○
- 64 Circulating PACAP levels are associated with increased amygdala-default mode network resting-state connectivity in posttraumatic stress disorder. ○
- 63 Functional dysconnectivity of anterior cingulate subregions in schizophrenia and psychotic and nonpsychotic bipolar disorder. **2023**, 254, 155-162 ○
- 62 Hippocampal subfield CA1-3 shows differential structural and functional network plasticity after stress-reducing socio-affective mental training. ○
- 61 Disassociation between fluctuation shift over frequency and glucose metabolism in motor cortex of Parkinson's disease: a hybrid PET/fMRI study. ○
- 60 Modulation effects of different treatments on periaqueductal gray resting state functional connectivity in knee osteoarthritis knee pain patients. ○
- 59 Molecular and network-level mechanisms explaining individual differences in autism spectrum disorder. **2023**, 26, 650-663 ○

- 58 Brain structure-function relationships across the human lifespan based on network eigenmodes. ○
- 57 Topological data analysis of human brain networks through order statistics. **2023**, 18, e0276419 ○
- 56 Cortical changes during the learning of sequences of simultaneous finger presses. ○
- 55 Quality control procedures and metrics for resting-state functional MRI. 2, ○
- 54 Early motor skill acquisition in healthy older adults: brain correlates of the learning process. ○
- 53 Brain fingerprinting using fMRI spectral signatures on high-resolution cortical graphs. ○
- 52 Error-related brain activity associated with obsessive-compulsive symptoms in youth. **2023**, 13, ○
- 51 BrainSuite BIDS App: Containerized Workflows for MRI Analysis. ○
- 50 Examining resting-state network connectivity in children exposed to perinatal maternal adversity using anatomically weighted functional connectivity (awFC) analyses; A preliminary report. 17, ○
- 49 Sex differences in resting-state functional networks in awake rats. ○
- 48 Brain system segregation and pain catastrophizing in chronic pain progression. 17, ○
- 47 The Current Research Landscape on the Machine Learning Application in Autism Spectrum Disorder: A Bibliometric Analysis From 2012 to 2022 (Preprint). ○
- 46 Increased spontaneous activity of the superior frontal gyrus with reduced functional connectivity to visual attention areas and cerebellum in male smokers. 17, ○
- 45 Altered Functional Connectivity Strength in Distinct Brain Networks of Children With Early-Onset Schizophrenia. ○
- 44 Effects of phase encoding direction on test-retest reliability of human functional connectome. ○
- 43 Tracking functional network connectivity dynamics in the elderly. 17, ○
- 42 Joint-embeddings reveal functional differences in default-mode network architecture between marmosets and humans. **2023**, 272, 120035 ○
- 41 Comparing retinotopic maps of children and adults reveals a late-stage change in how V1 samples the visual field. **2023**, 14, 1

- 40 Sex differences in resting state functional connectivity across the first two years of life. **2023**, 60, 101235 ○
- 39 Fronto-amygdala resting state functional connectivity is associated with anxiety symptoms among adolescent girls more advanced in pubertal maturation. **2023**, 60, 101236 ○
- 38 Altered cerebral activities and functional connectivity in depression: a systematic review of fMRI studies. **2022**, 10, 366 ○
- 37 Habitual daily intake of a sweet and fatty snack modulates reward processing in humans. **2023**, 35, 571-584.e6 ○
- 36 Functional connectivity MRI quality control procedures in CONN. 17, ○
- 35 Influence of exercise on pain is associated with resting-state functional connections: A cross-sectional functional brain imaging study. **2023**, 13, 100125 ○
- 34 BIBSNet: A Deep Learning Baby Image Brain Segmentation Network for MRI Scans. ○
- 33 Cerebrovascular Reactivity Has Negligible Contribution to Hemodynamic Lag After Stroke: Implications for Functional Magnetic Resonance Imaging Studies. **2023**, 54, 1066-1077 ○
- 32 Interhemispheric interplay between the left and right premotor cortex during grasping as assessed by dynamic causal modelling. **2023**, 13, ○
- 31 Generalizable neuromarker for autism spectrum disorder across imaging sites and developmental stages: A multi-site study. ○
- 30 Long-term effects of childhood trauma subtypes on adult brain function. ○
- 29 Long-Term and Meditation-Specific Modulations of Brain Connectivity Revealed Through Multivariate Pattern Analysis. ○
- 28 Functional and structural brain network development in children with attention deficit hyperactivity disorder. ○
- 27 A Graph Theory Study of Resting-State Functional MRI Connectivity in Children With Carbon Monoxide Poisoning. ○
- 26 Central nodes of canine functional brain networks are concentrated in the cingulate gyrus. ○
- 25 Brain dysconnectivity with heart failure. **2023**, 5, ○
- 24 Rethinking recovery in adolescent concussions: Network-level functional connectivity alterations associated with motor deficits. ○
- 23 Excitatory inhibitory imbalance underlies hippocampal atrophy in individuals with 22q11.2 Deletion Syndrome with psychotic symptoms. **2023**, ○

- 22 Sex differences in functional connectivity from reward-based regions in pre-adolescent binge eating disorder. **2023**, 324, 115186
- 21 Sex-specific age-related changes in glymphatic function assessed by resting-state functional magnetic resonance imaging.
- 20 At the head and heart of oxytocin stress-regulatory neural and cardiac effects: a chronic administration RCT in children with autism.
- 19 Functional connectivity of the language area in migraine: a preliminary classification model. **2023**, 23,
- 18 Behavioral pattern separation is associated with neural and electrodermal correlates of context-dependent fear conditioning. **2023**, 13,
- 17 Functional connectivity analysis of childhood depressive symptoms. **2023**, 38, 103395
- 16 Dynamic functional changes upon thalamotomy in essential tremor depend on baseline brain morphometry.
- 15 Imaging the lower limb network in Parkinson disease. **2023**, 38, 103399
- 14 Causal inference in cognitive neuroscience.
- 13 Brain motion networks predict head motion during rest- and task-fMRI. 17,
- 12 Correspondence of functional connectivity gradients across human isocortex, cerebellum, and hippocampus. **2023**, 6,
- 11 Persistent homology-based functional connectivity and its association with cognitive ability: Life-span study.
- 10 Evaluating methods for measuring background connectivity in slow event-related functional magnetic resonance imaging designs.
- 9 Resting-state functional connectivity disruption between the left and right pallidum as a biomarker for subthreshold depression. **2023**, 13,
- 8 Gamma neuromodulation improves episodic memory and its associated network in amnesic mild cognitive impairment: A pilot study. **2023**,
- 7 Brain activity during the preparation and production of spontaneous speech in children with persistent stuttering. **2023**, 103413
- 6 An Investigation of Age-related Neuropathophysiology in Autism Spectrum Disorder Using Fixel-based Analysis of Corpus Callosum White Matter Micro- and Macrostructure.
- 5 Genetic risk of late-onset Alzheimer's disease is associated with longitudinal loss of functional brain network segregation in middle-aged cognitively healthy individuals: The PREVENT-Dementia Study.

- 4 A reproducible benchmark of resting-state fMRI denoising strategies using fMRIPrep and Nilearn. ○
- 3 Neural correlates of Type A personality: Type A personality mediates the association of resting-state brain activity and connectivity with eating disorder symptoms. **2023**, ○
- 2 Heart rate variability covaries with amygdala functional connectivity during voluntary emotion regulation. **2023**, 274, 120136 ○
- 1 Altered dynamic functional network connectivity states in patients with acute basal ganglia ischemic stroke. **2023**, 148406 ○